



**Aeronautics**



**Ground - Sea**



**Defence**

# **Aeronautics & Defence products manual**

**High performance lubricants**





# High Performance Lubricants

NYCO is a worldwide recognised specialist of aviation lubricants and synthetic esters that has developed its extensive know-how to provide highly valuable solutions in various areas, from aeronautics & military lubricants to specialty industrial applications.

NYCO aviation & military lubricants portfolio contains more than 160 different products, used in various applications in all three armed forces (Army, Air Force and Navy) as well as Airlines, Airframers, OEM's, MRO's...

NYCO products are approved by the major European & American Military and civil authorities : US department of defence, British, French, Belgium, German, Italian Ministries of Defence...

NYCO has also been developing for almost 30 years substitutes for lubricants manufactured in Russia, according to the relevant original specifications. Therefore today, through a continuing cooperation with the local authorities, NYCO is the sole manufacturer able to offer a complete range of products for applications on Russian/Ukrainian-made as well as US/European-made equipments.

Our products range is the following :

- **TURBONYCOIL** : Lubricating oils for gas turbine engines powering aircraft, helicopters, aircraft carriers, frigates and ground equipments.
- **HYDRAUNYCOIL** : Mineral and synthetic fluids for aviation, marine and army equipment hydraulic systems. They are designed to work in hostile environment where extreme temperatures or fire hazardous conditions prevail.
- **NYCO GREASE** : Mineral and synthetic greases stretching from fully comprehensive range of aviation greases to a selected choice of greases for naval and ground military equipments.
- **NYCOLUBE** : Mineral and synthetic lubricating oils for special applications such as aircraft instruments and helicopters gearboxes or weapon protection.
- **NYCOPROTEC** : Mineral oils, compounds and greases which protect mechanisms and equipments against corrosion during storage after production or between uses.
- **NYCOSOL** : Aircraft fuel system, icing inhibitor.

You will find enclosed our catalogue of products meeting US / European and Russian specifications.

Do not hesitate to connect to our website ([www.nyco.fr](http://www.nyco.fr) or [www.nyco-lubricants.com](http://www.nyco-lubricants.com)) for further information.

# Handling and Storage Instruction

The regulations relating to storage premises apply to workshops where the product is handled. The user should refer to the relevant MSDS for specific information on how to handle and store the product.

Generally speaking the following procedure should be applied :

- **Handling:** Handle in well-ventilated areas.
- **Fire prevention:** Prevent access by unauthorised personnel.
- **Recommended equipment and procedures:** Packages which have been opened must be carefully closed and stored in an upright position. Every opened packing must, as far as possible, be entirely emptied to avoid contamination and eventual decomposition that may occur.  
For personal safety, see Nyco MSDS §8.  
Avoid inhaling vapours.  
Observe precautions stated on label and also industrial safety regulations
- **Prohibited equipment and procedures:**  
Smoking, eating and drinking are prohibited in premises where the preparation is used.  
Never open the packages under pressure
- **Storage:** Keep the container tightly closed in a cool and dry place. Keep away from direct sunlight and any heating sources, preferably under penthouse. Ground and building must be impervious and form a holding back basin so that, in the event of an accidental spillage, the product cannot spread beyond this area.

# Shelf life & Disposal

## SHELF LIFE

NYCO is conforming to prescription defined in STANAG 3149 limiting the lubricants shelf life to a maximum of 72 months. A periodical analysis (Retest) enables to control, within these 6 years, if the products are still conforming to the specifications and if their usage can be extended or not.

The product validity can be extended to half the « Retest Date » time and is renewable until the maximum shelf life limit (6 yrs). Apart some exceptions, the Retest dates are generally the following:

Type	Brand	Retest Date
Turbine Oils	Turbonycoil	48 months – 4 years
Hydraulic Fluids	Hydraunyoil	36 months – 3 years
	Hydraunyoil FH2, FH42, FH51	24 months – 2 years
Greases	Nycogrease	36 months – 3 years
Various Lubricants	Nycolube	48 months – 4 years
Specialities	Nycoprotec, Nycosol	48 months – 4 years

## DISPOSAL CONSIDERATIONS

- Waste:** Do not pour into drains or waterways.  
 Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or disposal contractor company.  
 Do not contaminate the ground or water with waste, do not dispose of waste into the environment.
- Soiled packaging:** Empty container completely. Keep label(s) on container.  
 Dispose of via a certified disposal contractor.

# Accidental release & Fire Fighting Measures

- **Personal precautions:** Avoid inhaling the vapours.  
Consult the safety measures listed in MSDS (headings 7 and 8)
- **Environmental precautions:** Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.  
Prevent any material from entering drains or waterways.  
Use drums to dispose of waste recovered in accordance with applicable regulations.  
If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures
- **Methods for cleaning up:** Clean preferably with a detergent, do not use solvents.
- **Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>) - Foam - Dry chemicals
- **Special protective equipment for fire-fighters:** Fire-fighters must use self-contained breathing apparatus. Product may generate irritating and harmful gases/vapours/fumes when heated and burning, including aldehydes, carbon monoxide, pyrolyzed organic phosphates and phosphorus oxides.



**NATO STANDARDIZED  
NYCO PRODUCTS**

**BRAND**

**NATO**

**UK**

**FRENCH**

**US**

**SAE/BMS**

## INTRODUCTION

---

In this section, NYCO products are listed according to the following entries :

1. NYCO BRAND NAMES
2. NATO CODES
3. U.K. MILITARY SPECIFICATIONS
4. FRENCH MILITARY SPECIFICATIONS
5. U.S. MILITARY SPECIFICATIONS
6. SAE STANDARDS

It gives easy reference to the correspondence between French, American and British specifications as well as NATO Codes and Joint Service Designations, whenever applicable.

NYCO products are listed according to the various specifications they meet. For specific current approval status, the user should contact NYCO.

For easier reading, each list has been established following a numerical order which appears in the first column.

### **Reference documents :**

- Interchangeability chart of NATO standardized lubricants and associated products. STAN AG 1135 rev 2011.
- Ministry of Defence - Defence Standard, DEF STAN 01-5/13 January 2002.
- Assist online - American Documentation Automation and Production Service.

## CONTENTS

---

SPECIFICATION ISSUING AUTHORITIES	Page : 8
NYCO BRAND NAMES	9
NATO CODES	19
U.K. MILITARY SPECIFICATIONS	27
FRENCH MILITARY SPECIFICATIONS	33
U.S. MILITARY SPECIFICATIONS	39
SAE STANDARDS	47

Any complementary technical information relating to NYCO products is available in the relevant technical data sheet or can be obtained direct from NYCO technical department.



## SPECIFICATION ISSUING AUTHORITIES

---

### — FRENCH SPECIFICATIONS :

<b>AIR -</b>	Direction Technique des Constructions Aéronautiques
<b>DCSEA -</b>	Service des Essences aux Armées
<b>STM -</b>	Etat Major de la Marine

### — U.S. SPECIFICATIONS : & SAE STANDARDS

<b>AMS -</b>	Society of Automotive Engineers
<b>AS -</b>	Society of Automotive Engineers
<b>DOD -</b>	U.S. Department of Defence standards
<b>MIL -</b>	U.S. Military Specifications
<b>SAE -</b>	Society of Automotive Engineers
<b>SS -</b>	U.S. Federal Specifications
<b>TT -</b>	U.S. Federal Specifications
<b>VV -</b>	U.S. Federal Specifications

### — U.K. SPECIFICATIONS :

<b>BS -</b>	British Standards Institution
<b>DEF STAN -</b>	Ministry of Defence
<b>DEF -</b>	(Directorate of Standardization)

### — OTHERS :

<b>AIMS -</b>	Airbus specifications
<b>BMS -</b>	Boeing specifications

NOTE : The Joint Service Designations - JSD - are established by the British Ministry of Defence, Director of Standardization. They are groups of 2 or 3 letters, defining the nature of the product, followed by a number indicating its main property whenever possible.



**NYCO BRAND NAMES**

## NYCO BRAND NAMES

	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS
<b>TURBINE ENGINE OILS</b>						
<b>TURBONYCOIL 13 B</b>	AIR 3514/A Iss. 2	—	—	—	O-150	Synthetic lubricating oil, 3 cSt, gas turbine
<b>TURBONYCOIL 35 A</b>	AIR 3517/A	—	—	—	O-159	Synthetic lubricating oil, 7.5 cSt, gas turbine
<b>TURBONYCOIL 35 M</b>	—	—	DEF STAN 91-98 Iss. 2	OX-38	O-149	Synthetic lubricating oil, 7.5 cSt, gas turbine
<b>TURBONYCOIL 160</b>	—	MIL-PRF-7808 L Gr. 3	—	OX-9	O-148	Synthetic lubricating oil, 3 cSt, gas turbine
<b>TURBONYCOIL 280 P</b>	AIR 3515/B Iss. 3	—	DEF STAN 91-99 Iss. 2 Amd. 1	OM-11	O-135	Petroleum lubricating oil, gas turbine
<b>TURBONYCOIL 310</b>	—	—	DEF STAN 91-97 Iss. 1 (OEP-71)	OEP-71	O-136	Petroleum lubricating oil, gas turbine
<b>TURBONYCOIL 400</b>	—	MIL-PRF-7808 L Gr. 4	—	—	O-163	Synthetic lubricating oil, 4 cSt, gas turbine
<b>TURBONYCOIL 600</b>	DCSEA 299/A	MIL-PRF-23699 F Class STD	DEF STAN 91-101 Iss. 3	OX-27 OX-28	O-156	Synthetic lubricating oil, 5 cSt, gas turbine SAE-AS 5780-SPC
<b>TURBONYCOIL 601</b>	—	MIL-PRF-23699 F Class C/I	—	—	O-152	Synthetic lubricating oil, corrosion inhibited, 5 cSt, gas turbine
<b>TURBONYCOIL 640</b>	—	MIL-PRF-23699 F Class HTS	—	—	O-154	Synthetic lubricating oil, high thermal stability, 5 cSt, gas turbine SAE-AS 5780 HPC
<b>TURBONYCOIL 699</b>	—	—	DEF STAN 91-100 Iss. 3 Amd. 1	OX-26	O-160	Synthetic lubricating oil, 5 cSt, gas turbine

## NYCO BRAND NAMES

	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS
<b>TURBINE ENGINE OILS</b>						
<b>TURBONYCOIL 3512</b>	AIR 3512/A Iss. 2	—	DEF STAN 91-97 Iss. 1 (OM-71)	OM-71	O-138	Petroleum lubricating oil, gas turbine
<b>TURBONYCOIL 3516</b>	AIR 3516/A Iss. 2	MIL-PRF-6081 D Gr. 1010 Amd. 1	—	—	O-133	Petroleum lubricating oil, gas turbine
<b>TURBONYCOIL 3560</b>	ex-AIR 3560/D	ex-MIL-L-6082 E	—	—	—	Petroleum lubricating oil
SAE 30	Grade 65	Gr. 1065	—	—	O-113	Non dispersive oil
SAE 50	Grade 100	Gr. 1100	—	—	O-117	Reciprocating aircraft piston engine
<b>TURBONYCOIL 3570</b>	ex-AIR 3570/D	—	—	—	—	Petroleum lubricating oil
SAE 30	Grade 65	—	—	—	—	Dispersive oil
SAE 40	Grade 80	ex-MIL-L-22851 Type III	—	—	O-123	Reciprocating aircraft piston engine
SAE 50	Grade 100	—	—	—	—	
SAE 60	Grade 120	ex-MIL-L-22851 Type II	—	—	O-128	

## NYCO BRAND NAMES

	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS
<b>HYDRAULIC FLUIDS</b>						
<b>HYDRAUNYCOIL FH 2</b>	DCSEA 437/B	MIL-PRF-83282 D Amd. 1	—	OX-19	H-537	Synthetic hydrocarbon based fluid, fire resistant
<b>HYDRAUNYCOIL FH 3</b>	—	MIL-PRF-46170 D Type 1	—	—	H-544	Synthetic hydrocarbon based fluid, fire resistant, anti-rust
<b>HYDRAUNYCOIL FH 5</b>	DCSEA 415/A	—	DEF STAN 91-48 Iss. 2	OM-18	H-520	Petroleum based fluid
<b>HYDRAUNYCOIL FH 5 AW</b>	—	—	—	—	—	Shock Strut Fluid Boeing BMS 3-32 A Type II
<b>HYDRAUNYCOIL FH 6</b>	DCSEA 535/A	MIL-PRF-6083 F	DEF STAN 80-142 Iss. 2 Amd. 1	PX-26	C-635	Petroleum corrosion preventive fluid, superclean, hydraulic system in storage
<b>HYDRAUNYCOIL FH 6 AW</b>	—	—	—	—	—	Shock Strut Fluid Boeing BMS 3-32 A Type I
<b>HYDRAUNYCOIL FH 13</b>	STM 7220 B	MIL-PRF-17672 D Amd. 3	—	—	H-573	Petroleum based fluid, marine, propeller pitch control
<b>HYDRAUNYCOIL FH 14</b>	—	—	—	—	H-540	Petroleum based, inhibited fluid, German specification : TL 9150-0035 Iss. 5
<b>HYDRAUNYCOIL FH 19</b>	—	MIL-DTL-17111 E	—	—	H-575	Petroleum based fluid, ordnance
<b>HYDRAUNYCOIL FH 23</b>	STM 7320 Iss. 1 Amd. 2	MIL-H-19457 D	—	—	H-580	Phosphate ester based fluid, fire resistant
<b>HYDRAUNYCOIL FH 42</b>	—	MIL-PRF-87257 B	—	OX-538	H-538	Synthetic based fluid, low temperature
<b>HYDRAUNYCOIL FH 46</b>	—	—	—	—	—	Petroleum based superclean fluid, aircraft landing gear SAAB-STD-161216
<b>HYDRAUNYCOIL FH 51</b>	DCSEA 415/A	MIL-PRF-5606 H Amd. 3	DEF STAN 91-48 Iss. 2	OM-15	H-515	Petroleum based fluid, superclean

## NYCO BRAND NAMES

	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS
<b>GREASES</b>						
<b>NYCO GREASE GN HC</b>	DCSEA 363/B	SAE-AMS-G-6032 Type 1	DEF STAN 91-6 Iss. 4 Amd. 1	XG-235	G-363	Synthetic based grease, hydrocarbon resistant, plug valve
<b>NYCO GREASE GN 05</b>	AIR 4205/B Iss. 3	MIL-G-3545 C Amd. 2 (obsolete)	—	—	G-359	Petroleum based grease, - 18 °C to + 149 °C
<b>NYCO GREASE GN 06</b>	DCSEA 355/A ex AIR 4206	—	DEF STAN 91-54 Iss. 2 Amd. 2	XG-285	G-355	Petroleum based graphited grease, - 40 °C to + 121 °C
<b>NYCO GREASE GN 07</b>	DCSEA 361/B ex AIR 4207	MIL-G-25760 A Amd. 3 (obsolete)	—	—	G-361	Synthetic based grease, extreme pressure, - 40 °C to + 177 °C
<b>NYCO GREASE GN 10</b>	DCSEA 354/A ex AIR 4210	MIL-PRF-23827 C Amd. 2	DEF STAN 91-53 Iss. 3 Amd. 2	XG-287	G-354	Synthetic based grease, extreme pressure, - 73 °C to + 121 °C
<b>NYCO GREASE GN 15</b>	DCSEA 382/A ex AIR 4215	MIL-G-7711 A Amd. 1 (obsolete)	DEF STAN 91-12 Iss. 1	XG-271	G-382	Petroleum based grease, general purpose, - 40 °C to + 121 °C
<b>NYCO GREASE GN 17</b>	DCSEA 353/A ex AIR 4217	MIL-G-21164 D	DEF STAN 91-57 Iss. 2 Amd. 1	XG-276	G-353	Synthetic based grease, molybdenum disulphide, - 73 °C to + 121 °C
<b>NYCO GREASE GN 22</b>	DCSEA 395/B ex AIR 4222	MIL-PRF-81322 G	DEF STAN 91-52 Iss. 1 Amd. 2	XG-293	G-395	Synthetic hydrocarbon based grease, - 55 °C to + 177 °C
<b>NYCO GREASE GN 27</b>	—	MIL-G-81827 A	—	—	—	Synthetic hydrocarbon based grease, molybdenum disulphide
<b>NYCO GREASE GN 46</b>	—	MIL-G-25537 C Amd. 1	DEF STAN 91-51 Iss. 2	XG-284	G-366	Petroleum based grease, oscillating bearing
<b>NYCO GREASE GN GA 47</b>	AIR 4247/A Iss. 2	SAE-AMS 2518 A	DEF STAN 80-80 Iss. 2	ZX-13	S-720	Anti-seize compound, graphited petrolatum
<b>NYCO 65 VASELINE</b>	AIR 3565/A Iss. 2	VV-P-236 A Amd. 2	DEF STAN 91-38 Iss. 1 Amd. 1 Gr. PX-7	PX-7	S-743	Technical petrolatum

## NYCO BRAND NAMES

	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS
NYCO GREASE GN 67	—	—	DEF STAN 80-81 Iss. 3 Amd. 2	ZX-38	S-722	Anti-seize compound, molybdenum disulphide
NYCO GREASE GN 68	—	—	DEF STAN 91-56 Iss. 3 Amd. 1	XG-315	G-394	Silicone based grease, pneumatic system
NYCO GREASE GN 69	—	SAE-AS-8660	DEF STAN 68-69 Iss. 1 Amd. 1	XG-250	S-736	Silicone based grease, electrical insulating, - 54 °C to + 204 °C
NYCO GREASE GN 74	—	VV-G-671 F	DEF STAN 91-18 Iss. 2 Amd. 2	XG-264	G-412	Graphited grease
NYCO GREASE GN 140	—	—	DEF STAN 91-105 Iss. 2 Amd.1	XG-291	G-421	Heavy duty multipurpose grease TL-9150-0075 Iss. 2
NYCO GREASE GN 142	DCSEA 301/A Iss. 2	—	—	—	G-414	Petroleum based grease, automotive and weapon
NYCO GREASE GN 144	—	—	—	—	—	Synthetic based grease, flap and slat actuators Airbus AIMS 09-06-001
NYCO GREASE GN 145	—	MIL-PRF-10924 G	DEF STAN 91-27 Iss. 3 Amd. 2	XG-279	G-403	General automotive and artillery (GAA) grease
NYCO GREASE GN 148	—	MIL-PRF-23827 C SAE-AMS-3052	—	—	—	Synthetic based grease, general purpose, Airbus AIMS 09-06-002 Boeing BMS-3-33
NYCO GREASE GN 155	STM 310/A(*)	—	DEF STAN 91-34 Iss. 2 Amd. 2	XG-286	G-460	Petroleum based grease, sea water resistant/ball and roller bearing
NYCO GREASE GN 3058	—	SAE-AMS-3058	—	—	—	Synthetic based grease, wheel bearing, Airbus AIMS 09-06-003
NYCO GREASE GN 4343	—	SAE-AMS-G-4343	—	XG-269	G-392	Synthetic based grease, aircraft pneumatic system, - 54 °C to + 93 °C
NYCO GREASE GN 25013	—	MIL-G-25013 E	—	XG-300	G-372	Synthetic based grease, ball and roller bearing, - 73 °C to + 232 °C

(\*) STM 310/A replaces STM 7420/B (G-460) and STM 7430/A (G-450)

## NYCO BRAND NAMES

	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS
<b>SPECIAL OILS</b>						
<b>NYCOLUBE 11 B</b>	AIR 3511/A Iss. 2	MIL-PRF-6085 E	DEF STAN 91-49 Iss. 1	OX-14	O-147	Synthetic lubricating oil, instrument
<b>NYCOLUBE 30</b>	—	MIL-PRF-32033 Amd. 2 (ex VV-L-800)	—	—	O-190	Lubricating oil, preservative
<b>NYCOLUBE 60</b>	DCSEA 500/C Gr. 15W40	MIL-PRF-21260 E Gr. SAE 30	DEF STAN 80-34 Iss. 3 Amd. 1	PX-4	C-642	Petroleum lubricating oil, preservative
<b>NYCOLUBE 64</b>	—	MIL-PRF-6086 E Gr. L	DEF STAN 91-112 Iss. 2 - Gr. OEP-30	OEP-30	O-153	Petroleum lubricating oil, aircraft gear, light
<b>NYCOLUBE 74</b>	—	AA-59137 Grade B	—	—	—	Lubricating oil for breech block - Marine
<b>NYCOLUBE 82</b>	—	—	DEF STAN 91-114 Iss. 1	OM-150	—	Lubricating oil for control system, operating down to -55°C
<b>NYCOLUBE 109</b>	—	AA-59137 Grade A	—	—	—	Lubricating oil for breech block - Marine
<b>NYCOLUBE 127</b>	DCSEA 501/A	MIL-PRF-63460 E Amd. 1	—	—	S-758	Lubricant, cleaner, preservative, weapon (CLP), BT-PS - 661 A
<b>NYCOLUBE 210</b>	DCSEA 242/C	—	—	—	O-1177	Synthetic 2-stroke biodegradable lubricating oil, TCW-3
<b>NYCOLUBE 227</b>	DCSEA 502	—	—	—	S-761	General purpose oil, weapon, German specification :
	DCSEA 501/A	—	—	—	S-758	TL 9150-0078 Iss. 3
<b>NYCOLUBE 269</b>	DCSEA 215/B	—	—	—	O-1179	Synthetic engine oil, 5W-40
<b>NYCOLUBE 294</b>	—	—	—	—	O-1178	Lubricating oil, Heavy duty engine, SAE 0W30, TL-9150-0080-Ausg.3
<b>NYCOLUBE 3525</b>	DCSEA 255/A	MIL-PRF-6086 E Gr. M	DEF STAN 91-112 Iss. 2 - Gr. OEP-70	OEP-70	O-155	Petroleum lubricating oil, aircraft gear, medium
<b>NYCOLUBE 7870</b>	—	MIL-PRF-7870 C	DEF STAN 91-47 Iss. 1	OM-12	O-142	Petroleum lubricating oil, instrument
<b>NYCOLUBE 25681</b>	—	MIL-DTL-25681 E	—	OX-70	S-1735	Silicone lubricating oil, molybdenum disulphide
<b>NYCOLUBE FOG</b>	—	MIL-PRF-12070 E	—	—	—	Fog oil for military smoke generator



## NYCO BRAND NAMES

	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS
<b>CORROSION PREVENTIVES</b>						
<b>NYCOPROTEC 03</b>	AIR 1503/B Type B concentrate (obsolete)	MIL-C-6529 C Amd. 2 Type 1	—	ZX-21	C-608	Petroleum corrosion preventive oil, concentrate
<b>NYCOPROTEC 04</b>	DCSEA 510/A	MIL-C-6529 C Amd. 2 Type 3	—	—	C-610	Petroleum corrosion preventive oil
<b>NYCOPROTEC 05</b>	AIR 1503/B Type B (obsolete)	MIL-C-6529 C Amd. 2 Type 2	—	—	C-609	Petroleum corrosion preventive oil
<b>NYCOPROTEC 06</b>	AIR 1503/B Iss. 3	—	—	—	C-615	Corrosion preventive oil, aircraft piston engine
<b>NYCOPROTEC 12</b>	DCSEA 231/A	MIL-PRF-3150 E	—	—	O-192	Petroleum lubricating oil, preservative
<b>NYCOPROTEC 348</b>	AIR 3634/1	—	DEF STAN 68-10 Iss. 5	—	C-634	Corrosion preventive compound, water displacing
<b>NYCOPROTEC 8130</b>	AIR 8130 Iss. 1	MIL-C-4339 E	—	—	C-630	Corrosion preventive compound
<b>NYCOPROTEC 8131</b>	—	MIL-PRF-16173 E Gr. 1	—	—	C-632	Corrosion preventive compound
<b>NYCOPROTEC 8132</b>	AIR 8132 Iss. 1	MIL-PRF-16173 E Gr. 2	—	—	C-620	Corrosion preventive compound
<b>NYCOPROTEC 8188</b>	—	MIL-PRF-8188 D	—	—	C-638	Corrosion preventive compound, aircraft turbine engine

## NYCO BRAND NAMES

	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS
<b>SPECIALITIES</b>						
<b>NYCO 1750</b>	DCSEA 751/B	—	—	—	S-1750	Multipurpose additive for fuel (diesel engine "Single fuel concept")
<b>NYCO 8243</b>	—	MIL-A-8243D Type II	—	—	S-742	De-icing fluid, aircraft surface ground use, SAE-AMS 1424 B Type I
<b>NYCOSOL 4</b>	AIR 3660/A Iss. 2	TT-I-735 A Amd. 3 Gr. B	BS 1595 / 1986 Part 1	AL-11	S-737	Technical isopropanol
<b>NYCOSOL 12</b>	AIR 3651/A Iss. 2 (44/56)	—	DEF STAN 68-253 Iss. 2 (AL-28)	AL-28	S-1744	Methanol/water 44/56
<b>NYCOSOL 13</b>	DCSEA 745/A	MIL-DTL-85470 B	DEF STAN 68-252 Iss. 3 Amd. 1 (AL-41)	AL-41	S-1745	Icing inhibitor additive, fuel system, high flash point
<b>NYCOSOL 17 Type 2</b>	—	MIL-PRF-7024 E Type II	—	—	—	Calibrating fluid
<b>NYCOSOL 17 Type 3</b>	—	MIL-PRF-7024 E Type III	—	—	—	Calibrating fluid high flash point
<b>NYCOSOL 52</b>	DCSEA 615/D	—	—	—	XS-791	Anti-freeze concentrate
<b>NYCOSOL 131</b>	DCSEA 745/A	—	DEF STAN 68-150 Iss. 2	—	XS-1745	Icing inhibitor with anti-corrosion and lubricating additive, fuel system, high flash point
<b>NYCODIEL</b>	—	MIL-PRF-87252 C Amd. 1	—	—	S-1748	Synthetic dielectric coolant fluid





## NATO CODES

SAE/BMS

US

FRENCH

UK

NATO

## NATO CODES

NATO CODE	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	REMARKS	NYCO BRAND NAME
O-113	ex-AIR 3560/D Grade 65	ex-MIL-L-6082 E Gr. 1065	—	—	Petroleum lubricating oil, non dispersive oil	<b>TURBONYCOIL 3560 SAE 30</b>
O-117	ex-AIR 3560/D Grade 100	ex-MIL-L-6082 E Gr. 1100	—	—	Petroleum lubricating oil, reciprocating aircraft piston engine	<b>TURBONYCOIL 3560 SAE 50</b>
O-123	ex-AIR 3570/D Grade 80	ex-MIL-L-22851 Type III	—	—	Petroleum lubricating oil, dispersive oil	<b>TURBONYCOIL 3570 SAE 40</b>
O-128	ex-AIR 3570/D Grade 120	ex-MIL-L-22851 Type II	—	—	Petroleum lubricating oil, reciprocating aircraft piston engine	<b>TURBONYCOIL 3570 SAE 60</b>
O-133	AIR 3516/A Iss. 2	MIL-PRF-6081 D Gr. 1010 Amd. 1	—	—	Petroleum lubricating oil, gas turbine	<b>TURBONYCOIL 3516</b>
O-135	AIR 3515/B Iss. 3	—	DEF STAN 91-99 Iss. 2 Amd. 1	OM-11	Petroleum lubricating oil, gas turbine	<b>TURBONYCOIL 280 P</b>
O-136	—	—	DEF STAN 91-97 Iss. 1 (OEP-71)	OEP-71	Petroleum lubricating oil, gas turbine	<b>TURBONYCOIL 310</b>
O-138	AIR 3512/A Iss. 2	—	DEF STAN 91-97 Iss. 1 (OM-71)	OM-71	Petroleum lubricating oil, gas turbine	<b>TURBONYCOIL 3512</b>
O-142	—	MIL-PRF-7870 C	DEF STAN 91-47 Iss. 1	OM-12	Petroleum lubricating oil, instrument	<b>NYCOLUBE 7870</b>
O-147	AIR 3511/A Iss. 2	MIL-PRF-6085 E	DEF STAN 91-49 Iss. 1	OX-14	Synthetic lubricating oil, instrument	<b>NYCOLUBE 11 B</b>
O-148	—	MIL-PRF-7808 L Gr. 3	—	OX-9	Synthetic lubricating oil, 3 cSt, gas turbine	<b>TURBONYCOIL 160</b>
O-149	—	—	DEF STAN 91-98 Iss. 2	OX-38	Synthetic lubricating oil, 7.5 cSt, gas turbine	<b>TURBONYCOIL 35 M</b>
O-150	AIR 3514/A Iss. 2	—	—	—	Synthetic lubricating oil, 3 cSt, gas turbine	<b>TURBONYCOIL 13 B</b>
O-152	—	MIL-PRF-23699 F Class C/1	—	—	Synthetic lubricating oil, corrosion inhibited, 5 cSt, gas turbine	<b>TURBONYCOIL 601</b>
O-153	—	MIL-PRF-6086 E Gr. L	DEF STAN 91-112 Iss. 2 - Gr. OEP-30	OEP-30	Petroleum lubricating oil, aircraft gear, light	<b>NYCOLUBE 64</b>

## NATO CODES

NATO CODE	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	REMARKS	NYCO BRAND NAME
O-154	—	MIL-PRF-23699 F Class HTS	—	—	Synthetic lubricating oil, high thermal stability, 5 cSt gas turbine-SAE AS-5780	TURBONYCOIL 640
O-155	DCSEA 255/A	MIL-PRF-6086 E Gr. M	DEF STAN 91-112 Iss. 2 - Gr. OEP-70	OEP-70	Petroleum lubricating oil, aircraft gear, medium	NYCOLUBE 3525
O-156	DCSEA 299/A	MIL-PRF-23699 F Class STD	DEF STAN 91-101 Iss. 3	OX-27 OX-28	Synthetic lubricating oil, 5 cSt, gas turbine SAE-AS 5780-SPC	TURBONYCOIL 600
O-159	AIR 3517/A	—	—	—	Synthetic lubricating oil, 7,5 cSt, gas turbine	TURBONYCOIL 35A
O-160	—	—	DEF STAN 91-100 Iss. 3 Amd. 1	OX-26	Synthetic lubricating oil, 5 cSt, gas turbine	TURBONYCOIL 699
O-163	—	MIL-PRF-7808 L Gr. 4	—	—	Synthetic lubricating oil, 4 cSt, gas turbine	TURBONYCOIL 400
O-190	—	MIL-PRF-32033 Amd. 2 (ex VV-L-800)	—	—	Lubricating oil, preservative	NYCOLUBE 30
O-192	DCSEA 231/A	MIL-PRF-3150 E	—	—	Petroleum lubricating oil, preservative	NYCOPROTEC 12
O-1177	DCSEA 242/C	—	—	—	Synthetic 2-stroke biodegradable lubricating oil, TCW-3	NYCOLUBE 210
O-1178	—	—	—	—	Lubricating oil, heavy duty engine, SAE-0W-30, TL-9150-0080 Aug 3	NYCOLUBE 294
O-1179	DCSEA 215/B	—	—	—	Synthetic engine oil, 5W-40	NYCOLUBE 269
G-353	DCSEA 353/A ex AIR 4217	MIL-G-21164 D	DEF STAN 91-57 Iss. 2 Amd. 1	XG-276	Synthetic based grease, molybdenum disulphide, - 73 °C to + 121 °C	NYCO GREASE GN 17
G-354	DCSEA 354/A ex AIR 4210	MIL-PRF-23827 C Amd. 2	DEF STAN 91-53 Iss. 3 Amd. 2	XG-287	Synthetic based grease, extreme pressure, - 73 °C to + 121 °C	NYCO GREASE GN 10
G-355	DCSEA 355/A ex AIR 4206	—	DEF STAN 91-54 Iss. 2 Amd. 2	XG-285	Petroleum based graphited grease, - 40 °C to + 121 °C	NYCO GREASE GN 06
G-359	AIR 4205/B Iss. 3	MIL-G-3545 C Amd. 2 (obsolete)	—	—	Petroleum based grease, - 18 °C to + 149 °C	NYCO GREASE GN 05

NATO

UK

FRENCH

US

SAE/BMS

## NATO CODES

NATO CODE	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	REMARKS	NYCO BRAND NAME
G-361	DCSEA 361/B ex AIR 4207	MIL-G-25760 A Amd. 3 (obsolete)	—	—	Synthetic based grease, extreme pressure, - 40 °C to + 177 °C	<b>NYCO GREASE GN 07</b>
G-363	DCSEA 363/B	SAE-AMS-G-6032 Type 1	DEF STAN 91-6 Iss. 4 Amd. 1	XG-235	Synthetic based grease, hydrocarbon resistant, plug valve	<b>NYCO GREASE GN HC</b>
G-366	—	MIL-G-25537 C Amd. 1	DEF STAN 91-51 Iss. 2	XG-284	Petroleum based grease, oscillating bearing	<b>NYCO GREASE GN 46</b>
G-372	—	MIL-G-25013 E	—	XG-300	Synthetic based grease, ball and roller bearing, - 73 °C to + 232 °C	<b>NYCO GREASE GN 25013</b>
G-382	DCSEA 382/A ex AIR 4215	MIL-G-7711 A Amd. 1 (obsolete)	DEF STAN 91-12 Iss. 1	XG-271	Petroleum based grease, general purpose, - 40 °C to + 121 °C	<b>NYCO GREASE GN 15</b>
G-392	—	SAE-AMS-G-4343	—	XG-269	Synthetic based grease, aircraft pneumatic system, - 54 °C to + 93 °C	<b>NYCO GREASE GN 4343</b>
G-394	—	—	DEF STAN 91-56 Iss. 3 Amd. 1	XG-315	Silicone based grease, pneumatic system	<b>NYCO GREASE GN 68</b>
G-395	DCSEA 395/B ex AIR 4222	MIL-PRF-81322 G	DEF STAN 91-52 Iss. 1 Amd. 2	XG-293	Synthetic hydrocarbon based grease, - 55 °C to + 177 °C	<b>NYCO GREASE GN 22</b>
G-403	—	MIL-PRF-10924 G	DEF STAN 91-27 Iss. 3 Amd. 2	XG-279	General automotive and artillery (GAA) grease	<b>NYCO GREASE GN 145</b>
G-412	—	VV-G-671 F	DEF STAN 91-18 Iss. 2 Amd. 2	XG-264	Graphited grease	<b>NYCO GREASE GN 74</b>

## NATO CODES

NATO CODE	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	REMARKS	NYCO BRAND NAME
G-414	DCSEA 301/A Iss. 2	—	—	—	Petroleum based grease, automotive and weapon	NYCO GREASE GN 142
G-421	—	—	DEF STAN 91-105 Iss. 2 Amd. 1	XG-291	Heavy duty multipurpose grease TL 9150-0075 Iss. 2	NYCO GREASE GN 140
G-460	STM 310/A(*)	—	DEF STAN 91-34 Iss. 2 Amd. 2	XG-286	Petroleum based grease, sea water resistant/ball and roller bearing	NYCO GREASE GN 155
H-515	DCSEA 415/A	MIL-PRF-5606 H Amd. 3	DEF STAN 91-48 Iss. 2	OM-15	Petroleum based fluid, superclean	HYDRAUNYCOIL FH 51
H-520	DCSEA 415/A	—	DEF STAN 91-48 Iss. 2	OM-18	Petroleum based fluid	HYDRAUNYCOIL FH 5
H-537	DCSEA 437/B	MIL-PRF-83282 D Amd. 1	—	OX-19	Synthetic hydrocarbon based fluid, fire resistant	HYDRAUNYCOIL FH 2
H-538	—	MIL-PRF-87257 B	—	OX-538	Synthetic based fluid, low temperature	HYDRAUNYCOIL FH 42
H-540	—	—	—	—	Petroleum based, inhibited fluid, German specification : TL 9150-0035 Iss. 5	HYDRAUNYCOIL FH 14
H-544	—	MIL-PRF-46170 D Type 1	—	—	Synthetic hydrocarbon based fluid, fire resistant, anti-rust	HYDRAUNYCOIL FH 3
H-573	STM 7220 B	MIL-PRF-17672 D Amd. 3	—	—	Petroleum based fluid, marine, propeller pitch control	HYDRAUNYCOIL FH 13
H-575	—	MIL-DTL-17111 E	—	—	Petroleum based fluid, ordnance	HYDRAUNYCOIL FH 19
H-580	STM 7320 Iss. 1 Amd. 2	MIL-H-19457 D	—	—	Phosphate ester based fluid, fire resistant	HYDRAUNYCOIL FH 23

(\*) STM 310/A replaces STM 7420/B (G-460) and STM 7430/A (G-450)

NATO

UK

FRENCH

US

SAE/BMS



## NATO CODES

NATO CODE	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	REMARKS	NYCO BRAND NAME
C-608	AIR 1503/B Type B concentrate (obsolete)	MIL-C-6529 C Amd. 2 Type 1	—	ZX-21	Petroleum corrosion preventive oil, concentrate	NYCOPROTEC 03
C-609	AIR 1503/B Type B (obsolete)	MIL-C-6529 C Amd. 2 Type 2	—	—	Petroleum corrosion preventive oil	NYCOPROTEC 05
C-610	DCSEA 510/A	MIL-C-6529 C Amd. 2 Type 3	—	—	Petroleum corrosion preventive oil	NYCOPROTEC 04
C-615	AIR 1503/B Iss. 3	—	—	—	Corrosion preventive oil, aircraft piston engine	NYCOPROTEC 06
C-620	AIR 8132 Iss. 1	MIL-PRF-16173 E Gr. 2	—	—	Corrosion preventive compound	NYCOPROTEC 8132
C-630	AIR 8130 Iss. 1	MIL-C-4339 E	—	—	Corrosion preventive compound	NYCOPROTEC 8130
C-632	—	MIL-PRF-16173 E Gr. 1	—	—	Corrosion preventive compound	NYCOPROTEC 8131
C-634	AIR 3634/1	—	DEF STAN 68-10 Iss. 5	—	Corrosion preventive compound water displacing	NYCOPROTEC 348
C-635	DCSEA 535/A	MIL-PRF-6083 F	DEF STAN 80-142 Iss. 2 Amd. 1	PX-26	Petroleum corrosion preventive fluid, superclean, hydraulic system in storage	HYDRAUNYCOIL FH 6

## NATO CODES

NATO CODE	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	REMARKS	NYCO BRAND NAME
C-638	—	MIL-PRF-8188 D	—	—	Corrosion preventive compound aircraft turbine engine	NYCOPROTEC 8188
C-642	DCSEA 500/C Gr. 15W40	MIL-PRF-21260 E Gr. SAE 30	DEF STAN 80-34 Iss. 3 Amd. 1	PX-4	Petroleum lubricating oil, preservative	NYCOLUBE 60
S-720	AIR 4247/A Iss. 2	SAE-AMS-2518 A	DEF STAN 80-80 Iss. 2	ZX-13	Anti-seize compound, graphited petrolatum	NYCO GREASE GN GA 47
S-722	—	—	DEF STAN 80-81 Iss. 3 Amd. 2	ZX-38	Anti-seize compound, molybdenum disulphide	NYCO GREASE GN 67
S-736	—	SAE-AS-8660	DEF STAN 68-69 Iss. 1 Amd. 1	XG-250	Silicone based grease, electrical insulating, - 54 °C to + 204 °C	NYCO GREASE GN 69
S-737	AIR 3660/A Iss. 2	TT-I-735 A Amd. 3 Gr. B	BS 1595/1986 Part 1	AL-11	Technical isopropanol	NYCOSOL 4
S-742	—	MIL-A-8243 D Type II	—	—	De-icing fluid, aircraft surface ground use SAE-AMS-1424 B - Type I	NYCO 8243
S-743	AIR 3565/A Iss. 2	VV-P-236 A Amd. 2	DEF STAN 91-38 Iss. 1 Amd. 1 Gr. PX-7	PX-7	Technical petrolatum	NYCO 65 VASELINE
S-758	DCSEA 501/A	MIL-PRF-63460 E Amd. 1	—	—	Lubricant, cleaner, preservative, weapon (CLP), BT-PS-661 A	NYCOLUBE 127
	DCSEA 501/A	—	—	—	General purpose oil, weapon, German specification : TL 9150-0078 Iss. 3	NYCOLUBE 227
S-761	DCSEA 502	—	—	—	General purpose oil, weapon, German specification : TL 9150-0078 Iss. 3	NYCOLUBE 227

NATO

UK

FRENCH

US

SAE/BMS

## NATO CODES

NATO CODE	FRENCH SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	REMARKS	NYCO BRAND NAME
S-1735	—	MIL-DTL-25681 E	—	OX-70	Silicone lubricating oil, molybdenum disulphide	<b>NYCOLUBE 25681</b>
S-1744	AIR 3651/A Iss. 2 (44/56)	—	DEF STAN 68-253 Iss. 2 (AL-28)	AL-28	Methanol/water 44/56	<b>NYCOSOL 12</b>
S-1745	DCSEA 745/A	MIL-DTL-85470 B	DEF STAN 68-252 Iss. 3 Amd. 1 (AL-41)	AL-41	Icing inhibitor additive, fuel system, high flash point	<b>NYCOSOL 13</b>
S-1748	—	MIL-PRF-87252 C Amd. 1	—	—	Synthetic dielectric coolant fluid	<b>NYCODIEL</b>
S-1750	DCSEA 751/B	—	—	—	Multipurpose additive for fuel (diesel engine "Single fuel concept")	<b>NYCO 1750</b>
XS-791	DCSEA 615/D	—	—	—	Anti freeze concentrate	<b>NYCOSOL 52</b>
XS-1745	DCSEA 745/A	—	DEF STAN 68-150 Iss. 2	—	Icing inhibitor with anticorrosion and lubricating additive, fuel system, high flash point	<b>NYCOSOL 131</b>



## U.K. MILITARY SPECIFICATIONS

UK

FRENCH

US

SAE/BMS

## U.K. MILITARY SPECIFICATIONS

SPECIFICATION	JOINT SERVICE DESIGNATION	FRENCH SPECIFICATION	U.S. SPECIFICATION	NATO CODE	REMARKS	NYCO BRAND NAME
<b>BS 1595/1986 Part. 1</b>	AL-11	AIR 3660/A Iss. 2	TT-I-735 A Amd. 3 Gr.B	S-737	Technical isopropanol	<b>NYCOSOL 4</b>
<b>DEF STAN 68-10 Iss. 5</b>	—	AIR 3634/1	—	C-634	Corrosion preventive compound	<b>NYCOPROTEC 348</b>
<b>DEF STAN 68-69 Iss. 1 Amd. 1</b>	XG-250	—	SAE-AS 8660	S-736	Silicone based grease, electrical insulating, - 54 °C to + 204 °C	<b>NYCO GREASE GN 69</b>
<b>DEF STAN 68-150 Iss. 2</b>	—	DCSEA 745/A	—	XS-1745	Icing inhibitor with anticorrosion and lubricating additive, fuel system, high flash point	<b>NYCOSOL 131</b>
<b>DEF STAN 68-252 Iss. 3 Amd. 1 (AL-41)</b>	AL-41	DCSEA 745/A	MIL-DTL-85470 B	S-1745	Icing inhibitor additive, fuel system, high flash point	<b>NYCOSOL 13</b>
<b>DEF STAN 68-253 Iss. 2 (AL-28)</b>	AL-28	AIR 3651/A Iss. 2 (44/56)	—	S-1744	Methanol/water 44/56	<b>NYCOSOL 12</b>
<b>DEF STAN 80-34 Iss. 3 Amd. 1</b>	PX-4	DCSEA 500/C Gr. 15W40	MIL-PRF-21260 E Gr. SAE 30	C-642	Petroleum lubricating oil, preservative	<b>NYCOLUBE 60</b>
<b>DEF STAN 80-80 Iss. 2</b>	ZX-13	AIR 4247/A Iss. 2	SAE-AMS 2518 A	S-720	Anti-seize compound, graphited petrolatum	<b>NYCO GREASE GN GA 47</b>
<b>DEF STAN 80-81 Iss. 3 Amd. 2</b>	ZX-38	—	—	S-722	Anti-seize compound, molybdenum disulfide	<b>NYCO GREASE GN 67</b>
<b>DEF STAN 80-142 Iss. 2 Amd. 1</b>	PX-26	DCSEA 535/A	MIL-PRF-6083 F	C-635	Petroleum corrosion preventive fluid, superclean, hydraulic system in storage	<b>HYDRAUNYCOIL FH 6</b>

## U.K. MILITARY SPECIFICATIONS

SPECIFICATION	JOINT SERVICE DESIGNATION	FRENCH SPECIFICATION	U.S. SPECIFICATION	NATO CODE	REMARKS	NYCO BRAND NAME
<b>DEF STAN 91-6</b> Iss. 4 Amd. 1	XG-235	DCSEA 363/B	SAE-AMS-G-6032 Type 1	G-363	Synthetic based grease, hydrocarbon resistant, plug valve	<b>NYCO GREASE GN HC</b>
<b>DEF STAN 91-12</b> Iss. 1	XG-271	DCSEA 382/A ex AIR 4215	MIL-G-7711 A Amd. 1 (obsolete)	G-382	Petroleum based grease, general purpose - 40° C to + 121 °C	<b>NYCO GREASE GN 15</b>
<b>DEF STAN 91-18</b> Iss. 2 Amd. 2	XG-264	—	VV-G-671 F	G-412	Graphited grease	<b>NYCO GREASE GN 74</b>
<b>DEF STAN 91-27</b> Iss. 3 Amd. 2	XG-279	—	MIL-PRF-10924 G	G-403	General automotive and artillery (GAA) grease	<b>NYCO GREASE GN 145</b>
<b>DEF STAN 91-34</b> Iss. 2 Amd. 2	XG-286	STM 310/A(*)	—	G-460	Petroleum based grease, sea water resistant/ball and roller bearing	<b>NYCO GREASE GN 155</b>
<b>DEF STAN 91-38</b> Iss. 1 Amd. 1 Gr. PX-7	PX-7	AIR 3565/A Iss. 2	VV-P-236 A Amd. 2	S-743	Technical petrolatum	<b>NYCO 65 VASELINE</b>
<b>DEF STAN 91-47</b> Iss. 1	OM-12	—	MIL-PRF-7870 C	O-142	Petroleum lubricating oil, instrument	<b>NYCOLUBE 7870</b>
<b>DEF STAN 91-48</b> Iss. 2	OM-15	DCSEA 415/A	MIL-PRF-5606 H Amd. 3	H-515	Petroleum based fluid, superclean	<b>HYDRAUNYCOIL FH 51</b>
<b>DEF STAN 91-48</b> Iss. 2	OM-18	DCSEA 415/A	—	H-520	Petroleum based fluid	<b>HYDRAUNYCOIL FH 5</b>
<b>DEF STAN 91-49</b> Iss. 1	OX-14	AIR 3511/A Iss. 2	MIL-PRF-6085 E	O-147	Synthetic lubricating oil, instrument	<b>NYCOLUBE 11 B</b>
<b>DEF STAN 91-51</b> Iss. 2	XG-284	—	MIL-G-25537 C Amd. 1	G-366	Petroleum based grease, oscillating bearing	<b>NYCO GREASE GN 46</b>

(\*) STM 310/A replaces STM 7420/B (G-460) and STM 7430/A (G-450)

UK

FRENCH

US

SAE/BMS

## U.K. MILITARY SPECIFICATIONS

SPECIFICATION	JOINT SERVICE DESIGNATION	FRENCH SPECIFICATION	U.S. SPECIFICATION	NATO CODE	REMARKS	NYCO BRAND NAME
<b>DEF STAN 91-52</b> Iss. 1 Amd. 2	XG-293	DCSEA 395/B ex AIR 4222	MIL-PRF-81322 G	G-395	Synthetic hydrocarbon based grease, - 55 °C to + 177 °C	<b>NYCO GREASE GN 22</b>
<b>DEF STAN 91-53</b> Iss. 3 Amd. 2	XG-287	DCSEA 354/A ex AIR 4210	MIL-PRF-23827 C Amd. 2	G-354	Synthetic based grease, extreme pressure, - 73 °C to + 121 °C	<b>NYCO GREASE GN 10</b>
<b>DEF STAN 91-54</b> Iss. 2 Amd. 2	XG-285	DCSEA 355/A ex AIR 4206	—	G-355	Petroleum based graphited grease, - 40 °C to + 121 °C	<b>NYCO GREASE GN 06</b>
<b>DEF STAN 91-56</b> Iss. 3 Amd. 1	XG-315	—	—	G-394	Silicone based grease, pneumatic system	<b>NYCO GREASE GN 68</b>
<b>DEF STAN 91-57</b> Iss. 2 Amd. 1	XG-276	DCSEA 353/A ex AIR 4217	MIL-G-21164 D	G-353	Synthetic based grease, molybdenum disulphide, - 73 °C to + 121 °C	<b>NYCO GREASE GN 17</b>
<b>DEF STAN 91-97</b> Iss. 1 (OM-71)	OM-71	AIR 3512/A Iss. 2	—	O-138	Petroleum lubricating oil, gas turbine	<b>TURBONYCOIL 3512</b>
<b>DEF STAN 91-97</b> Iss. 1 (OEP-71)	OEP-71	—	—	O-136	Petroleum lubricating oil, gas turbine	<b>TURBONYCOIL 310</b>
<b>DEF STAN 91-98</b> Iss. 2	OX-38	—	—	O-149	Synthetic lubricating oil, 7.5 cSt, gas turbine	<b>TURBONYCOIL 35 M</b>
<b>DEF STAN 91-99</b> Iss. 2 Amd. 1	OM-11	AIR 3515/B Iss. 3	—	O-135	Petroleum lubricating oil, gas turbine	<b>TURBONYCOIL 280 P</b>
<b>DEF STAN 91-100</b> Iss. 3 Amd. 1	OX-26	—	—	O-160	Synthetic lubricating oil, 5 cSt, gas turbine	<b>TURBONYCOIL 699</b>

## U.K. MILITARY SPECIFICATIONS

SPECIFICATION	JOINT SERVICE DESIGNATION	FRENCH SPECIFICATION	U.S. SPECIFICATION	NATO CODE	REMARKS	NYCO BRAND NAME
<b>DEF STAN 91-101</b> Iss. 3	OX-27 OX-28	DCSEA 299/A	MIL-PRF-23699 F Class STD	O-156	Synthetic lubricating oil, 5 cSt, gas turbine SAE-AS 5780-SPC	<b>TURBONYCOIL 600</b>
<b>DEF STAN 91-105</b> Iss. 2 Amd 1	XG-291	—	—	G-421	Heavy duty multipurpose grease TL 9150-0075 Iss.2	<b>NYCO GREASE GN 140</b>
<b>DEF STAN 91-112</b> Iss. 2 Gr. OEP-30	OEP-30	—	MIL-PRF-6086 E Gr. L	O-153	Petroleum lubricating oil, aircraft gear, light	<b>NYCOLUBE 64</b>
<b>DEF STAN 91-112</b> Iss. 2 Gr. OEP-70	OEP-70	DCSEA 255/A	MIL-PRF-6086 E Gr. M	O-155	Petroleum lubricating oil, aircraft gear, medium	<b>NYCOLUBE 3525</b>
<b>DEF STAN 91-114</b> Iss. 1	OM-150	—	—	—	Lubricating oil for control systems operating down to -55°C	<b>NYCOLUBE 82</b>

UK

FRENCH

US

SAE/BMS







## FRENCH MILITARY SPECIFICATIONS

## FRENCH SPECIFICATIONS

SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE	NATO CODE	REMARKS	NYCO BRAND NAME
AIR 1503/B Iss. 3	—	—	—	C-615	Corrosion preventive oil, aircraft piston engine	<b>NYCOPROTEC 06</b>
AIR 1503/B Type B concentrate (obsolete)	MIL-C-6529 C Amd. 2 Type 1	—	ZX-21	C-608	Petroleum corrosion preventive oil, concentrate	<b>NYCOPROTEC 03</b>
AIR 1503/B Type B (obsolete)	MIL-C-6529 C Amd. 2 Type 2	—	—	C-609	Petroleum corrosion preventive oil	<b>NYCOPROTEC 05</b>
AIR 3511/A Iss. 2	MIL-PRF-6085 E	DEF STAN 91-49 Iss. 1	OX-14	O-147	Synthetic lubricating oil, instrument	<b>NYCOLUBE 11 B</b>
AIR 3512/A Iss. 2	—	DEF STAN 91-97 Iss. 1 (OM-71)	OM-71	O-138	Petroleum lubricating oil, gas turbine	<b>TURBONYCOIL 3512</b>
AIR 3514/A Iss. 2	—	—	—	O-150	Synthetic lubricating oil, 3 cSt, gas turbine	<b>TURBONYCOIL 13 B</b>
AIR 3515/B Iss. 3	—	DEF STAN 91-99 Iss. 2 Amd. 1	OM-11	O-135	Petroleum lubricating oil, gas turbine	<b>TURBONYCOIL 280 P</b>
AIR 3516/A Iss. 2	MIL-PRF-6081 D Gr. 1010 Amd. 1	—	—	O-133	Petroleum lubricating oil, gas turbine	<b>TURBONYCOIL 3516</b>
AIR 3517/A Iss. 2	—	—	—	O-159	Synthetic lubricating oil, 7,5 cSt, gas turbine	<b>TURBONYCOIL 35 A</b>
AIR 3565/A Iss. 2	VV-P-236 A Amd. 2	DEF STAN 91-38 Iss. 1 Amd. 1	PX-7	S-743	Technical petrolatum	<b>NYCO 65 VASELINE</b>
AIR 3634/1	—	DEF STAN 68-10 Iss. 5	—	C-634	Corrosion preventive compound, water displacing	<b>NYCOPROTEC 348</b>
AIR 3651/A Iss. 2 (44/56)	—	DEF STAN 68-253 Iss. 2	AL-28	S-1744	Methanol/water 44/56	<b>NYCOSOL 12</b>
AIR 3660/A Iss. 2	TT-I-735 A Amd. 3 Gr. B	BS 1595 / 1986 Part 1	AL-11	S-737	Technical isopropanol	<b>NYCOSOL 4</b>

## FRENCH SPECIFICATIONS

SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE	NATO CODE	REMARKS	NYCO BRAND NAME
<b>AIR 4205/B</b> Iss. 3	MIL-G-3545 C Amd. 2 (obsolete)	—	—	G-359	Petroleum based grease, - 18 °C to + 149 °C	<b>NYCO GREASE GN 05</b>
<b>AIR 4247/A</b> Iss. 2	SAE-AMS-2518 A	DEF STAN 80-80 Iss. 2	ZX-13	S-720	Anti-seize compound, graphited petrolatum	<b>NYCO GREASE GN GA 47</b>
<b>AIR 8130</b> Iss. 1	MIL-C-4339 E	—	—	C-630	Corrosion preventive compound	<b>NYCOPROTEC 8130</b>
<b>AIR 8132</b> Iss. 1	MIL-PRF-16173 E Gr. 2	—	—	C-620	Corrosion preventive compound	<b>NYCOPROTEC 8132</b>
<b>DCSEA 215/B</b>	—	—	—	O-1179	Synthetic engine oil, 5W-40	<b>NYCOLUBE 269</b>
<b>DCSEA 231/A</b>	MIL-PRF-3150 E	—	—	O-192	Petroleum lubricating oil, preservative	<b>NYCOPROTEC 12</b>
<b>DCSEA 242/C</b>	—	—	—	O-1177	Synthetic 2-stroke biodegradable lubricating oil, TCW 3	<b>NYCOLUBE 210</b>
<b>DCSEA 255/A</b>	MIL-PRF-6086 E Gr. M	DEF STAN 91-112 Iss. 2 Gr. OEP-70	OEP-70	O-155	Petroleum lubricating oil, aircraft gear, medium	<b>NYCOLUBE 3525</b>
<b>DCSEA 299/A</b>	MIL-PRF-23699 F Class STD	DEF STAN 91-101 Iss. 3	OX-27 OX-28	O-156	Synthetic lubricating oil, 5 cSt, gas turbine SAE-AS 5780-SPC	<b>TURBONYCOIL 600</b>
<b>DCSEA 301/A</b> Iss. 2	—	—	—	G-414	Petroleum based grease, automotive and weapon	<b>NYCO GREASE GN 142</b>
<b>DCSEA 353/A</b> ex AIR 4217	MIL-G-21164 D	DEF STAN 91-57 Iss. 2 Amd. 1	XG-276	G-353	Synthetic based grease, molybdenum disulphide - 73 °C to + 121 °C	<b>NYCO GREASE GN 17</b>
<b>DCSEA 354/A</b> ex AIR 4210	MIL-PRF-23827 C Amd. 2	DEF STAN 91-53 Iss. 3 Amd. 2	XG-287	G-354	Synthetic based grease, extreme pressure, - 73 °C to + 121 °C	<b>NYCO GREASE GN 10</b>

## FRENCH SPECIFICATIONS

SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE	NATO CODE	REMARKS	NYCO BRAND NAME
<b>DCSEA 355/A</b> ex AIR 4206	—	DEF STAN 91-54 Iss. 2 Amd. 2	XG-285	G-355	Petroleum based graphited grease, - 40 °C to + 121 °C	<b>NYCO GREASE GN 06</b>
<b>DCSEA 361/B</b> ex AIR 4207	MIL-G-25760 A Amd. 3 (obsolete)	—	—	G-361	Synthetic based grease, extreme pressure, - 40 °C to + 177 °C	<b>NYCO GREASE GN 07</b>
<b>DCSEA 363/B</b>	AMS-G-6032 Type 1	DEF STAN 91-6 Iss. 4 Amd. 1	XG-235	G-363	Synthetic based grease, hydrocarbon resistant, plug valve	<b>NYCO GREASE GN HC</b>
<b>DCSEA 382/A</b> ex AIR 4215	MIL-G-7711 A Amd. 1 (obsolete)	DEF STAN 91-12 Iss. 1	XG-271	G-382	Petroleum based grease, general purpose, - 40 °C to + 121 °C	<b>NYCO GREASE GN 15</b>
<b>DCSEA 395/B</b> ex AIR 4222	MIL-PRF-81322 G	DEF STAN 91-52 Iss. 1 Amd. 2	XG-293	G-395	Synthetic hydrocarbon based grease, - 55 °C to + 177 °C	<b>NYCO GREASE GN 22</b>
<b>DCSEA 415/A</b>	MIL-PRF-5606 H Amd. 3	DEF STAN 91-48 Iss. 2	OM-15	H-515	Petroleum based fluid, superclean	<b>HYDRAUNYCOIL FH 51</b>
<b>DCSEA 415/A</b>	—	DEF STAN 91-48 Iss. 2	OM-18	H-520	Petroleum based fluid	<b>HYDRAUNYCOIL FH 5</b>
<b>DCSEA 437/B</b>	MIL-PRF-83282 D Amd. 1	—	OX-19	H-537	Synthetic hydrocarbon based fluid, fire resistant	<b>HYDRAUNYCOIL FH 2</b>
<b>DCSEA 500/C</b> Gr. 15W40	MIL-PRF-21260 E Gr. SAE 30	DEF STAN 80-34 Iss. 3 Amd. 1	PX-4	C-642	Petroleum lubricating oil, preservative	<b>NYCOLUBE 60</b>
<b>DCSEA 615/D</b>	—	—	—	XS-791	Anti freeze concentrate	<b>NYCOSOL 52</b>

## FRENCH SPECIFICATIONS

SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS	NYCO BRAND NAME
DCSEA 501/A	MIL-PRF-63460 E Amd. 1	—	—	S-758	Lubricant, cleaner, preservative, weapon, (CLP), BT-PS-661A	<b>NYCOLUBE 127</b>
DCSEA 501/A	—	—	—	S-758	General purpose oil, weapon, German specification : TL 9150-0078 Iss. 3	<b>NYCOLUBE 227</b>
DCSEA 502	—	—	—	S-761	General purpose oil, weapon, German specification : TL 9150-0078 Iss. 3	<b>NYCOLUBE 227</b>
DCSEA 510/A	MIL-C-6529 C Amd. 2 Type 3	—	—	C-610	Petroleum corrosion preventive oil	<b>NYCOPROTEC 04</b>
DCSEA 535/A	MIL-PRF-6083 F	DEF STAN 80-142 Iss. 2 Amd. 1	PX-26	C-635	Petroleum corrosion preventive fluid, superclean, hydraulic system in storage	<b>HYDRAUNYCOIL FH 6</b>
DCSEA 745/A	MIL-DTL-85470 B	DEF STAN 68-252 Iss. 3 Amd. 1	AL-41	S-1745	Icing inhibitor additive, fuel system, high flash point	<b>NYCOSOL 13</b>
DCSEA 745/A	—	DEF STAN 68-150 Iss. 2	—	XS-1745	Icing inhibitor with anti-corrosion and lubricating additive, fuel system, high flash point	<b>NYCOSOL 131</b>
DCSEA 751/B	—	—	—	S-1750	Multipurpose additive for fuel (diesel engine "Single fuel concept")	<b>NYCO 1750</b>
STM 310/A(*)	—	DEF STAN 91-34 Iss. 2 Amd. 2	XG-286	G-460	Petroleum based grease, sea water resistant/ball and roller bearing	<b>NYCO GREASE GN 155</b>
STM 7220/B	MIL-PRF-17672 D Amd. 3	—	—	H-573	Petroleum based fluid, marine, propeller, pitch control	<b>HYDRAUNYCOIL FH 13</b>
STM 7320 Iss. 1 Amd. 2	MIL-H-19457 D	—	—	H-580	Phosphate ester based fluid, fire resistant	<b>HYDRAUNYCOIL FH 23</b>

(\*) STM 310/A replaces STM 7420/B (G-460) and STM 7430/A (G-450)

## FRENCH SPECIFICATIONS

SPECIFICATION	U.S. SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE	NATO CODE	REMARKS	NYCO BRAND NAME
<b>AIR 3560/D</b>	ex-MIL-L-6082 E	—	—	—	Petroleum lubricating oil, non dispersive oil, reciprocating aircraft piston engine	<b>TURBONYCOIL 3560</b>
<b>Grade 65 (obsolete)</b>	Gr. 1065	—	—	O-113		<b>SAE 30</b>
<b>Grade 100 (obsolete)</b>	Gr. 1105	—	—	O-117		<b>SAE 50</b>
<b>AIR 3570</b>	—	—	—	—	Petroleum lubricating oil, dispersive oil, reciprocating aircraft piston engine	<b>TURBONYCOIL 3570</b>
<b>Grade 65</b>	—	—	—	—		<b>SAE 30</b>
<b>Grade 80</b>	ex-MIL-L-22851 type III	—	—	O-123		<b>SAE 40</b>
<b>Grade 100</b>	—	—	—	—		<b>SAE 50</b>
<b>Grade 120</b>	ex-MIL-L-22851 type II	—	—	O-128		<b>SAE 60</b>



**U.S. MILITARY SPECIFICATIONS**



## U.S. MILITARY SPECIFICATIONS

SPECIFICATION	FRENCH SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS	NYCO BRAND NAME
<b>MIL-A-8243 D</b> Type II	—	—	—	S-742	De-icing fluid, aircraft surface ground use SAE-AMS-1424 B - Type I	<b>NYCO 8243</b>
<b>SAE-AMS-2518 A</b>	AIR 4247/A Iss. 2	DEF STAN 80-80 Iss. 2	ZX-13	S-720	Anti-seize compound, graphited petrolatum	<b>NYCO GREASE GN GA 47</b>
<b>SAE-AMS-G-4343</b>	—	—	XG-269	G-392	Synthetic based grease, aircraft pneumatic system, - 54 °C to + 93 °C	<b>NYCO GREASE GN 4343</b>
<b>SAE-AMS-G-6032</b> Type 1	DCSEA 363/B	DEF STAN 91-6 Iss. 4 Amd. 1	XG-235	G-363	Synthetic based grease, hydrocarbon resistant, plug valve	<b>NYCO GREASE GN HC</b>
<b>SAE-AS-8660</b>	—	DEF STAN 68-69 Iss. 1 Amd. 1	XG-250	S-736	Silicone based grease, electrical insulating - 54 °C to + 204 °C	<b>NYCO GREASE GN 69</b>
<b>MIL-DTL-25681 E</b>	—	—	OX-70	S-1735	Silicone lubricating oil, molybdenum disulphide	<b>NYCOLUBE 25681</b>
<b>MIL-PRF-3150 E</b>	DCSEA 231/A	—	—	O-192	Petroleum lubricating oil, preservative	<b>NYCOPROTEC 12</b>
<b>MIL-G-3545 C</b> Amd. 2 (obsolete)	AIR 4205/B Iss. 3	—	—	G-359	Petroleum based grease, - 18 °C to + 149 °C	<b>NYCO GREASE GN 05</b>
<b>MIL-C-4339 E</b>	AIR 8130 Iss. 1	—	—	C-630	Corrosion preventive compound	<b>NYCOPROTEC 8130</b>
<b>MIL-PRF-5606 H</b> Amd. 3	DCSEA 415/A	DEF STAN 91-48 Iss. 2	OM-15	H-515	Petroleum based fluid superclean	<b>HYDRAUNYCOIL FH 51</b>
<b>MIL-PRF-6081 D</b> Gr. 1010 Amd. 1	AIR 3516/A Iss. 2	—	—	O-133	Petroleum lubricating oil, gas turbine	<b>TURBONYCOIL 3516</b>

## U.S. MILITARY SPECIFICATIONS

SPECIFICATION	FRENCH SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS	NYCO BRAND NAME
MIL-PRF-6083 F	DCSEA 535/A	DEF STAN 80-142 Iss. 2 Amd. 1	PX-26	C-635	Petroleum corrosion, preventive fluid, superclean, hydraulic system in storage	HYDRAUNYCOIL FH 6
MIL-PRF-6085 E	AIR 3511/A Iss. 2	DEF STAN 91-49 Iss. 1	OX-14	O-147	Synthetic lubricating oil, instrument	NYCOLUBE 11 B
MIL-PRF-6086 E Gr. L	—	DEF STAN 91-112 Iss. 2 - Gr. OEP-30	OEP-30	O-153	Petroleum lubricating oil, aircraft gear, light	NYCOLUBE 64
MIL-PRF-6086 E Gr. M	DCSEA 255/A	DEF STAN 91-112 Iss. 2 - Gr. OEP-70	OEP-70	O-155	Petroleum lubricating oil, aircraft gear, medium	NYCOLUBE 3525
MIL-C-6529 C Amd. 2 Type 1	AIR 1503/B Type B concentrate (obsolete)	—	ZX-21	C-608	Petroleum corrosion preventive oil, concentrate	NYCOPROTEC 03
MIL-C-6529 C Amd. 2 Type 2	AIR 1503/B Type B (obsolete)	—	—	C-609	Petroleum corrosion preventive oil	NYCOPROTEC 05
MIL-C-6529 C Amd. 2 Type 3	DCSEA 510/A	—	—	C-610	Petroleum corrosion preventive oil	NYCOPROTEC 04
MIL-PRF-7024 E Type II	—	—	—	—	Calibrating fluid	NYCOSOL 17 Type 2
MIL-PRF-7024 E Type III	—	—	—	—	Calibrating fluid high flash point	NYCOSOL 17 Type 3
MIL-G-7711 A Amd. 1 (obsolete)	DCSEA 382/A ex AIR 4215	DEF STAN 91-12 Iss. 1	XG-271	G-382	Petroleum based grease, general purpose, - 40 °C to + 121 °C	NYCO GREASE GN 15
MIL-PRF-7808 L Gr. 3	—	—	OX-9	O-148	Synthetic lubricating oil, 3 cSt, gas turbine	TURBONYCOIL 160

## U.S. MILITARY SPECIFICATIONS

SPECIFICATION	FRENCH SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS	NYCO BRAND NAME
MIL-PRF-7808 L Gr. 4	—	—	—	O-163	Synthetic lubricating oil, 4 cSt, gas turbine	<b>TURBONYCOIL 400</b>
MIL-PRF-7870 C	—	DEF STAN 91-47 Iss. 1	OM-12	O-142	Petroleum lubricating oil, instrument	<b>NYCOLUBE 7870</b>
MIL-PRF-8188 D	—	—	—	C-638	Corrosion preventive compound, aircraft turbine engine	<b>NYCOPROTEC 8188</b>
MIL-PRF-10924 G	—	DEF-STAN 91-27 Iss. 3 Amd. 2	XG-279	G-403	General automotive and artillery (GAA) grease	<b>NYCO GREASE GN 145</b>
MIL-PRF-16173 E Gr. 1	—	—	—	C-632	Corrosion preventive compound	<b>NYCOPROTEC 8131</b>
MIL-PRF-16173 E Gr. 2	AIR 8132 Iss. 1	—	—	C-620	Corrosion preventive compound	<b>NYCOPROTEC 8132</b>
MIL-DTL-17111 E	—	—	—	H-575	Petroleum based fluid, ordnance	<b>HYDRAUNYCOIL FH 19</b>
MIL-PRF-17672 D Amd 3	STM 7220 B	—	—	H-573	Petroleum based fluid, marine, propeller pitch control	<b>HYDRAUNYCOIL FH 13</b>
MIL-H-19457 D	STM 7320 Iss. 1 Amd. 2	—	—	H-580	Phosphate ester based fluid, fire resistant	<b>HYDRAUNYCOIL FH 23</b>

## U.S. MILITARY SPECIFICATIONS

SPECIFICATION	FRENCH SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS	NYCO BRAND NAME
<b>MIL-G-21164 D</b>	DCSEA 353/A ex AIR 4217	DEF STAN 91-57 Iss. 2 Amd. 1	XG-276	G-353	Synthetic based grease, molybdenum disulphide, - 73 °C to + 121 °C	<b>NYCO GREASE GN 17</b>
<b>MIL-PRF-21260 E Gr. SAE 30</b>	DCSEA 500/C Gr. 15W40	DEF STAN 80-34 Iss. 3 Amd. 1	PX-4	C-642	Petroleum lubricating oil, preservative	<b>NYCOLUBE 60</b>
<b>MIL-PRF-23699 F Class STD</b>	DCSEA 299/A	DEF STAN 91-101 Iss. 3	OX-27 OX-28	O-156	Synthetic lubricating oil, 5 cSt, gas turbine SAE-AS 5780-SPC	<b>TURBONYCOIL 600</b>
<b>MIL-PRF-23699 F Class HTS</b>	—	—	—	O-154	Synthetic lubricating oil, high thermal stability, 5 cSt, gas turbine SAE-AS 5780	<b>TURBONYCOIL 640</b>
<b>MIL-PRF-23699 F Class C/I</b>	—	—	—	O-152	Synthetic lubricating oil, corrosion inhibited, 5 cSt, gas turbine	<b>TURBONYCOIL 601</b>
<b>MIL-PRF-23827 C Amd. 2</b>	DCSEA 354/A ex AIR 4210	DEF STAN 91-53 Iss. 3 Amd. 2	XG-287	G-354	Synthetic based grease, extreme pressure, - 73 °C to + 121 °C	<b>NYCO GREASE GN 10</b>
<b>MIL-PRF-23827 C Amd. 2</b>	—	—	—	—	Synthetic based grease, general purpose, Airbus AIMS-09-06-002 SAE-AMS-3052 Boeing BMS-3-33	<b>NYCO GREASE GN 148</b>
<b>MIL-G-25013 E</b>	—	—	XG-300	G-372	Synthetic based grease, ball and roller bearing, - 73 °C to + 232 °C	<b>NYCO GREASE GN 25013</b>

## U.S. MILITARY SPECIFICATIONS

SPECIFICATION	FRENCH SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS	NYCO BRAND NAME
<b>MIL-G-25537 C</b> Amd. 1	—	DEF STAN 91-51 Iss. 2	XG-284	G-366	Petroleum based grease, oscillating bearing	<b>NYCO GREASE GN 46</b>
<b>MIL-G-25760 A</b> Amd. 3 (obsolete)	DCSEA 361/B ex AIR 4207	—	—	G-361	Synthetic based grease, extreme pressure, - 40 °C to + 177 °C	<b>NYCO GREASE GN 07</b>
<b>MIL-PRF-32033</b> Amd. 2 (ex VV-L-800)	—	—	—	O-190	Lubricating oil, preservative	<b>NYCOLUBE 30</b>
<b>MIL-PRF-46170 D</b> Type 1	—	—	—	H-544	Synthetic hydrocarbon based fluid, fire resistant, anti-rust	<b>HYDRAUNYCOIL FH 3</b>
<b>MIL-PRF-63460 E</b> Amd. 1	DCSEA 501/A	—	—	S-758	Lubricant, cleaner, preservative, weapon (CLP), BT-PS-661 A	<b>NYCOLUBE 127</b>
<b>MIL-PRF-81322 G</b>	DCSEA 395/B ex AIR 4222	DEF STAN 91-52 Iss. 1 Amd. 2	XG-293	G-395	Synthetic hydrocarbon based grease, - 55 °C to + 177 °C	<b>NYCO GREASE GN 22</b>
<b>MIL-G-81827 A</b>	—	—	—	—	Synthetic hydrocarbon based grease, molybdenum disulfide	<b>NYCO GREASE GN 27</b>
<b>MIL-PRF-83282 D</b> Amd. 1	DCSEA 437/B	—	OX-19	H-537	Synthetic hydrocarbon based fluid, fire resistant	<b>HYDRAUNYCOIL FH 2</b>
<b>MIL-DTL-85470 B</b>	DCSEA 745/A	DEF STAN 68-252 Iss. 3 Amd. 1 (AL-41)	AL-41	S-1745	Icing inhibitor additive, fuel system, high flash point	<b>NYCOSOL 13</b>
<b>MIL-PRF-87252 C</b> Amd. 1	—	—	—	S-1748	Synthetic dielectric coolant fluid	<b>NYCODIEL</b>
<b>MIL-PRF-87257 B</b>	—	—	OX-538	H-538	Synthetic based fluid, low temperature	<b>HYDRAUNYCOIL FH 42</b>

## U.S. MILITARY SPECIFICATIONS

SPECIFICATION	FRENCH SPECIFICATION	U.K. SPECIFICATION	JOINT SERVICE DESIGNATION	NATO CODE	REMARKS	NYCO BRAND NAME
<b>TT-I-735 A Amd. 3 Gr. B</b>	AIR 3660/A Iss. 2	BS 1595 / 1986 Part 1	AL-11	S-737	Technical isopropanol	<b>NYCOSOL 4</b>
<b>VV-P-236 A Amd. 2</b>	AIR 3565/A Iss. 2	DEF STAN 91-38 Iss. 1 Amd. 1 Gr. PX-7	PX-7	S-743	Technical petrolatum	<b>NYCO 65 VASELINE</b>
<b>VV-G-671 F</b>	—	DEF STAN 91-18 Iss. 2 Amd. 2	XG-264	G-412	Graphited grease	<b>NYCO GREASE GN 74</b>
<b>AA-59137 Grade A</b>	—	—	—	—	Lubricating oil for breech block, marine	<b>NYCOLUB 109</b>
<b>AA-59137 Grade B</b>	—	—	—	—	Lubricating oil for breech block, marine	<b>NYCOLUB 74</b>
<b>MIL-PRF-12070 E</b>	—	—	—	—	Fog oil for military smoke generator	<b>NYCOLUB FOG</b>
<b>MIL-L-6082 E</b>	ex-AIR 3560/D	—	—	—	Petroleum lubricating oil, non dispersive oil, reciprocating piston aircraft engine	<b>TURBONYCOIL 3560</b>
<b>Gr.1065</b>	Grade 65	—	—	O-113		<b>SAE 30</b>
<b>Gr.1100</b>	Grade 100	—	—	O-117		<b>SAE 50</b>
<b>MIL-L-22851</b>	ex-AIR 3570/D	—	—	—	Petroleum lubricating oil, dispersive oil, reciprocating piston aircraft engine	<b>TURBONYCOIL 3560</b>
<b>Type III</b>	Grade 80	—	—	O-123		<b>SAE 40</b>
<b>Type II</b>	Grade 120	—	—	O-128		<b>SAE 60</b>





**SAE / OTHER CIVIL SPECIFICATIONS**



## SAE / OTHER SPECIFICATIONS

NYCO BRAND NAME	SAE SPECIFICATION	OTHER CIVIL SPECIFICATION	US MILITARY SPECIFICATION	OTHER MILITARY SPECIFICATION	REMARKS
HYDRAUNYCOIL FH 5 AW	—	BMS 3-32 B type II	—	—	Shock strut fluid
HYDRAUNYCOIL FH 6 AW	—	BMS 3-32 B type I	—	—	Shock strut fluid, corrosion inhibited
HYDRAUNYCOIL FH 46	—	SAAB-STD-161216	—	—	Petroleum based superclean fluid, aircraft landing gear
NYCO GREASE GN 144	—	AIMS-09-06-001	—	—	Synthetic based grease, flap and slat actuators
NYCO GREASE GN 148	SAE-AMS-3052	AIMS-09-06-002 BMS-3-33	MIL-PRF-23827 C	—	Synthetic based grease, general purpose
NYCO GREASE GN 3058	SAE-AMS-3058	AIMS-09-06-003	—	—	Synthetic based grease, wheel bearing
NYCO GREASE GN 69	SAE-AS-8660	—	—	DEF STAN 68-69 Iss.1	Silicone based grease, electrical insulating
NYCO GREASE GA 47	SAE-AMS-2518 A	—	—	AIR 4247/A Iss.2	Anti-seize compound, graphited petrolatum
NYCO GREASE GN HC	SAE-AMS-G-6032	—	—	DCSEA 363/B DEF STAN 91-6 Iss.4 Amd	Synthetic based grease, hydrocarbon resistant, plug valve
NYCOSOL 47	SAE-AMS-1428 Type IV	—	—	—	Aircraft de-icing fluid
NYCO 8243	SAE-AMS-1424 B Type I	—	MIL-A-8243 D Type II	—	Aircraft de-icing fluid

## SAE / OTHER SPECIFICATIONS

NYCO BRAND NAME	SAE SPECIFICATION	OTHER CIVIL SPECIFICATION	US MILITARY SPECIFICATION	OTHER MILITARY SPECIFICATION	REMARKS
<b>TURBONYCOIL 3560 SAE 30</b>	SAE-J-1966 G30	—	ex-MIL-6082 E	—	Petroleum lubricating oil, non dispersive oil, reciprocating piston aircraft engine
<b>TURBONYCOIL 3560 SAE 50</b>	SAE-J-1966 G50	—	ex-MIL-6082 E	—	Petroleum lubricating oil, non dispersive oil, reciprocating piston aircraft engine
<b>TURBONYCOIL 3560 SAE 60</b>	SAE-J-1966 G60	—	ex-MIL-6082 E	—	Petroleum lubricating oil, non dispersive oil, reciprocating piston aircraft engine
<b>TURBONYCOIL 3570 SAE 30</b>	SAE-J-1899 G30	—	—	—	Petroleum lubricating oil, dispersive oil, reciprocating piston aircraft engine
<b>TURBONYCOIL 3570 SAE 40</b>	SAE-J-1899 G40	—	ex-MIL-L-22851 Type III	—	Petroleum lubricating oil, dispersive oil, reciprocating piston aircraft engine
<b>TURBONYCOIL 3570 SAE 50</b>	SAE-J-1899 G50	—	—	—	Petroleum lubricating oil, dispersive oil, reciprocating piston aircraft engine
<b>TURBONYCOIL 3570 SAE 60</b>	SAE-J-1899 G60	—	ex-MIL-L-22851 Type II	—	Petroleum lubricating oil, dispersive oil, reciprocating piston aircraft engine
<b>TURBONYCOIL 3570 MG</b>	SAE-J-1899 GRADE 15W50	—	—	—	Petroleum lubricating oil, dispersive oil, reciprocating piston aircraft engine
<b>TURBONYCOIL 600</b>	SAE-AS-5780 GRADE SPC	—	MIL-PRF-23699 F Class STD	DEF STAN 91-101 Iss. 3 Amd 1	Synthetic lubricating oil, 5 cSt, gas turbine
<b>TURBONYCOIL 640</b>	SAE-AS-5780 GRADE HPC	—	MIL-PRF-23699 F Class HTS	—	Synthetic lubricating oil, high thermal stability, 5 cSt, gas turbine





**NYCO PRODUCTS  
TO RUSSIAN SPECIFICATIONS**

## INTRODUCTION

---

This section contains the following three entries :

1. NYCO BRAND NAMES
2. RUSSIAN SPECIFICATIONS
3. RUSSIAN TYPES

It gives easy reference to the correspondence between Russian specifications, Russian types and NYCO brand names.

All entries have been established following numerical and/or alphabetical orders which appear in the first column.

Any complementary technical information relating to NYCO products is available in the relevant technical data sheet or can be obtained directly from NYCO technical department.

## CONTENTS

---

	Pages
DEFINITIONS	54
NYCO BRAND NAMES	56
RUSSIAN SPECIFICATIONS	61
RUSSIAN TYPES	65

## DEFINITIONS

---

- **GOST (ГОСТ) SPECIFICATIONS** are State Standards approved by the Committee for Standards, Measures and Measuring Instruments under the Russian Council of Ministers.
- **OST (ОСТ) SPECIFICATIONS** are Industry Branch standards approved by the Ministry (or Department) which is the leading unit in the production of a given type of goods.
- **TU (ТУ) SPECIFICATIONS** are technical instructions.



**NYCO BRAND NAMES**



## NYCO BRAND NAMES

	RUSSIAN SPECIFICATION	TYPE		APPLICATION
		ROMAN	CYRILLIC	
<b>AIRCRAFT PISTON ENGINE OILS</b>				
<b>TURBONYCOIL 308</b>	GOST 21743-96	MS-20	MC-20	Petroleum lubricating oil, aircraft piston engines
<b>AIRCRAFT TURBINE ENGINE OIL</b>				
<b>TURBONYCOIL 98</b>	TU 38 101295-85	B-3V	Б-3В	Synthetic lubricating oil, aircraft turbine engines
<b>TURBONYCOIL 210 A</b>	TU 38 1011299-90 GOST 13076-86 TU 38 101384-85 OST 38 01163-78	IPM-10 VNII NP-50-1-4f 36/1-kuA MS-8P	ИПМ-10 ВНИИ НП-50-1-4ф 36/1-куА МС-8П	Synthetic lubricating oil, aircraft turbine engines
<b>TURBONYCOIL 306</b>	OST 54-3-175-72-99	SM-4,5 75% MS-8P 25 % MS-20	СМ-4,5 75% МС-8П 25% МС-20	Petroleum lubricating oil, aircraft turbine engines
<b>TURBONYCOIL 307</b>	GOST 21743-76	MS-14	MC-14	Petroleum lubricating oil, helicopter propellers
<b>TURBONYCOIL 321</b>	GOST 6457-66 GOST 6457-66 OST 38 01163-78 TU 38 1011181-88	MK-8 MK-8P MS-8P MS-8RK	MK-8 МК-8П МС-8П МС-8РК	Petroleum lubricating oil, aircraft turbine engines
<b>TURBONYCOIL 329</b>	TU 38 1011332-90	TSgip	ТСгип	Petroleum lubricating oil, heavily loaded gears
<b>HYDRAULIC FLUIDS</b>				
<b>HYDRAUNYCOIL FH 16</b>	OST 38 01281-82	MGE-10A	МГЕ-10А	Petroleum hydraulic fluid, – 60°C to + 125°C
<b>HYDRAUNYCOIL FH 28</b>	GOST 25821-93	PGV	ПГВ	Synthetic hydraulic fluid, fire resistant
<b>HYDRAUNYCOIL FH 51</b> (US specification MIL-PRF-5606 H)	GOST 6794-75	AMG-10	АМГ-10	Petroleum hydraulic fluid, – 60°C to + 135°C
<b>HYDRAUNYCOIL FH 55</b>	TU 6-01-57575838-79	POJ-70	ПОЖ-70	Synthetic hydraulic fluid, can also be used in place of STEOL M
<b>HYDRAUNYCOIL FH 56</b>	TU 38 101328-81	LZ-MG-2	ЛЗ-МГ-2	Synthetic hydraulic fluid

## NYCO BRAND NAMES

	RUSSIAN SPECIFICATION	TYPE		APPLICATION
		ROMAN	CYRILLIC	
<b>GREASES</b>				
<b>NYCO GREASE GN 22</b> (U.S. specification MIL-PRF-81322 G)	GOST 6267-74	CIATIM 201	ЦИАТИМ 201	Synthetic grease, multi-purpose Synthetic anti-friction grease
	GOST 8773-73	CIATIM 203	ЦИАТИМ 203	
	GOST 9433-80	CIATIM 221	ЦИАТИМ 221	Synthetic grease, - 50°C to + 170°C Synthetic grease, moving parts of fuselage
	TU 38 101950-00	Era VNII NP-286M	Эра ВНИИ НП-286М	
TU 38 1011051-87	SAPFIR VNII NP-261	САПФИР ВНИИ НП-261	Synthetic grease, landing gears	
	GOST 19774-74	VNII NP-207	ВНИИ НП-207	Synthetic grease, - 50°C to + 170°C
<b>NYCO GREASE GN 32</b>	TU 38 5901257-90	1-13	1-13	Petroleum grease, roller bearings
<b>NYCO GREASE GN 34 Gr. 1</b>	GOST 2712-75	AMS-1	АМС-1	Petroleum grease, corrosion preventive
<b>NYCO GREASE GN 34 Gr. 3</b>	GOST 2712-75	AMS-3	АМС-3	Petroleum grease, corrosion preventive
<b>NYCO GREASE GN 35</b>	GOST 3276-89	GOI-54p	ГОИ-54п	Petroleum grease, corrosion preventive
<b>NYCO GREASE GN 37</b>	GOST 8551-74	CIATIM 205	ЦИАТИМ 205	Petroleum plastic grease, anti-seize, - 60°C to +50°C
<b>NYCO GREASE GN 43</b>	GOST 18179-72	OKB 122-7	ОКБ 122-7	Petroleum grease, roller bearings, - 60°C + 120°C
<b>NYCO GREASE GN 44</b>	TU 38 001116-84	N° 9	N° 9	Petroleum grease, - 60°C to + 80°C
<b>NYCO GREASE GN 45</b>	TU 6-02-917-79	PFMS-4s	ПФМС-4с	Silicone paste, anti-friction, - 30°C to + 300°C
<b>NYCO GREASE GN 55</b>	TU 38 101359-73	VNII NP-242	ВНИИ НП-242	Petroleum grease, roller bearings, - 40°C to + 90°C
<b>NYCO GREASE GN 56</b>	GOST 7171-78	BU	БУ	Synthetic grease, hydrocarbon resistant
<b>NYCO GREASE GN 60</b>	TU 38 1011219-95	NK-50	НК-50	Synthetic grease, aircraft wheels
<b>NYCO GREASE GN 89</b>	TU 38 101577-76	Svintsol-01	Свинцоль-01	Petroleum grease, extreme pressure, aircraft

## NYCO BRAND NAMES

	RUSSIAN SPECIFICATION	TYPE		APPLICATION
		ROMAN	CYRILLIC	
<b>MISCELLANEOUS</b>				
<b>NYCO GREASE GN 110</b>	GOST 21150-87	LITOL 24	ЛИТОЛ 24	Petroleum grease, multi-purpose
<b>NYCO GREASE GN 114</b>	GOST 4113-80	PP-95/5	ПП-95/5	Preservative grease for weapons
<b>NYCO GREASE GN 917</b>	GOST 3333-80	USsA	УСсА	Petroleum graphited grease, heavily loaded mechanisms
<b>NYCO GREASE GN 932</b>	GOST 14068-79	VNII NP-232	ВНИИ НП-232	Petroleum grease, molybdenum disulphide
<b>NYCO GREASE GN 935</b>	TU 38 101297-78	VNII NP-235	ВНИИ НП-235	Synthetic grease
<b>NYCO GREASE GN 969</b>	GOST 19537-83	PVK	ПВК	Petroleum plastic grease, corrosion preventive

## NYCO BRAND NAMES

	RUSSIAN SPECIFICATION	TYPE		APPLICATION
		ROMAN	CYRILLIC	
<b>MISCELLANEOUS</b>				
<b>NYCOLUBE 7</b>	GOST 1805-76	MVP	МВП	Petroleum lubricating oil, low temperatures, instruments
<b>NYCOLUBE 9</b>	OST 38 01412-86	AU	АУ	Petroleum hydraulic fluid
<b>NYCOLUBE 20</b>	GOST 10877-76	K-17	К-17	Petroleum storage oil
<b>NYCOLUBE 21</b>	GOST 18375-73	132-08 (OKB 122-5)	132-08 (ОКБ 122-5)	Synthetic lubricating oil, plain bearings, – 65°C to + 70°C
<b>NYCOLUBE 40</b>	GOST 10121-76	–	–	Transformer oil
<b>NYCOLUBE 122</b>	TU 38 101277-85 TU 38 101280-89	MT-8p TSZp-8	MT-8п ТСЗп-8	Transmission oil, low temperatures
<b>NYCOLUBE 149</b>	GOST 19782-74	VNII NP-225	ВНИИ НП-225	Synthetic lubricating oil, heavily loaded mechanisms, – 60°C to + 250°C
<b>NYCOLUBE 163</b>	TU 6-02-271-78	MD-3F	МД-3Ф	Radar cooling fluid
<b>NYCOLUBE 167</b>	GOST 13004-77	PES-2	ПЭС-2	Polysiloxane fluid
<b>NYCOLUBE 174</b>	GOST 13004-77	PES-3	ПЭС-3	Polysiloxane fluid
<b>NYCOLUBE 189</b>	GOST 32-74	T-46	Т-46	Petroleum base oil
<b>NYCOLUBE 226</b>	TU 38 101759-78	K4-20	К4-20	Petroleum lubricating oil, Diesel engines
<b>NYCOLUBE 234</b>	–	SM-9	СМ-9	Petroleum lubricating oil, helicopters
<b>NYCOLUBE 250</b>	GOST 18613-88	132-10 (VPS)	132-10 (ВПС)	Synthetic hydraulic fluid

## NYCO BRAND NAMES

	RUSSIAN SPECIFICATION	TYPE		APPLICATION
		ROMAN	CYRILLIC	
<b>MISCELLANEOUS</b>				
<b>NYCOLUBE 908</b>	GOST 16422-79	CIATIM 208	ЦИАТИМ 208	Petroleum lubricant, heavily loaded gear reducers
<b>NYCOLUBE 934</b>	GOST 20734-75	7-50S-3	7-50C-3	Synthetic hydraulic fluid, aircraft
<b>NYCOLUBE 1216</b>	TU 6-02-897-78	132-21 (OKB 122-16)	132-21 (ОКБ 122-16)	Synthetic lubricating oil
<b>NYCOSOL 2</b>	GOST 18300-87	–	–	Ethyl Alcohol
<b>NYCOSOL 13</b>	Analog GOST 8313-88	Analog Gidkost I	ЖИДКОСТ И	Icing inhibitor, MIL-DTL-85470B
<b>NYCOSOL 51</b>	TU 113-07-02-88	OJ-65 "LENA"	ОЖ-65 "ЛЕНА"	Radar cooling fluid



**RUSSIAN SPECIFICATIONS**

## RUSSIAN SPECIFICATIONS

	NYCO BRAND NAME	TYPE		APPLICATION
		ROMAN	CYRILLIC	
GOST 32-74	NYCOLUBE 189	T-46	T-46	Petroleum base oil
GOST 1805-76	NYCOLUBE 7	MVP	МВП	Petroleum lubricating oil, low temperatures, instruments
GOST 2712-75	NYCO GREASE GN 34 Gr. 1 NYCO GREASE GN 34 Gr. 3	AMS-1 AMS-3	АМС-1 АМС-3	Petroleum greases, corrosion preventive
GOST 3276-89	NYCO GREASE GN 35	GOI-54p	ГОИ-54п	Petroleum grease, corrosion preventive
GOST 3333-80	NYCO GREASE GN 917	USsA	УСсА	Petroleum graphited grease, heavily loaded mechanisms
GOST 4113-80	NYCO GREASE GN 114	PP-95/5	ПП-95/5	Preservative grease for weapons
GOST 6267-74	NYCO GREASE GN 22	CIATIM 201	ЦИАТИМ 201	Synthetic grease, multi-purpose
GOST 6457-66	TURBONYCOIL 321	MK-8 MK-8P	МК-8 МК-8П	Petroleum lubricating oil, aircraft turbine engines
GOST 6794-75	HYDRAUNYCOIL FH 51	AMG-10	АМГ-10	Petroleum hydraulic fluid, – 60°C to + 135°C
GOST 7171-78	NYCO GREASE GN 56	BU	БУ	Synthetic grease, hydrocarbon resistant
GOST 8313-88	NYCOSOL 13 (as analog)	Analog Gidkost I	ЖИДКОСТ И	Icing inhibitor, MIL-DTL-85470B
GOST 8551-74	NYCO GREASE GN 37	CIATIM 205	ЦИАТИМ 205	Petroleum plastic grease, anti-seize, – 60°C to + 50°C
GOST 8773-73	NYCO GREASE GN 22	CIATIM 203	ЦИАТИМ 203	Synthetic anti-friction grease
GOST 9433-80	NYCO GREASE GN 22	CIATIM 221	ЦИАТИМ 221	Synthetic grease, – 50°C to + 170°C
GOST 10121-76	NYCOLUBE 40	–	–	Transformer oil
GOST 10877-76	NYCOLUBE 20	K-17	К-17	Petroleum storage oil
GOST 13004-77	NYCOLUBE 167	PES-2	ПЭС-2	Polysiloxane fluid
GOST 13004-77	NYCOLUBE 174	PES-3	ПЭС-3	Polysiloxane fluid
GOST 13076-86	TURBONYCOIL 210 A	VNII NP-50-1-4f	ВНИИ НП-50-1-4ф	Synthetic lubricating oil, aircraft turbine engines
GOST 14068-79	NYCO GREASE GN 932	VNII NP-232	ВНИИ НП-232	Petroleum grease, molybdenum disulphide
GOST 16422-79	NYCOLUBE 908	CIATIM 208	ЦИАТИМ 208	Petroleum lubricant, heavily loaded gear reducers

## RUSSIAN SPECIFICATIONS

	NYCO BRAND NAME	TYPE		APPLICATION
		ROMAN	CYRILLIC	
GOST 18179-72	NYCO GREASE GN 43	OKB 122-7	ОКБ 122-7	Petroleum grease, roller bearings, – 60°C to + 120°C
GOST 18300-87	NYCOSOL 2	–	–	Ethyl Alcohol
GOST 18375-73	NYCOLUBE 21	132-08 (OKB 122-5)	132-08 (ОКБ 122-5)	Synthetic lubricating oil, plain bearings, – 65°C to + 70°C
GOST 18613-88	NYCOLUBE 250	132-10 (VPS)	132-10 (ВПС)	Synthetic hydraulic fluid
GOST 19537-83	NYCO GREASE GN 969	PVK	ПВК	Petroleum plastic grease, corrosion preventive
GOST 19774-74	NYCO GREASE GN 22	VNII NP-207	ВНИИ НП-207	Synthetic grease, – 50°C to + 170°C
GOST 19782-74	NYCOLUBE 149	VNII NP-225	ВНИИ НП-225	Synthetic lubricating oil, heavily loaded mechanisms, – 60°C to + 250°C
GOST 20734-75	NYCOLUBE 934	7-50S-3	7-50C-3	Synthetic hydraulic fluid, aircraft
GOST 21150-87	NYCO GREASE GN 110	LITOL 24	ЛИТОЛ 24	Petroleum grease, multi-purpose
GOST 21743-76	TURBONYCOIL 307	MS-14	МС-14	Petroleum lubricating oil, helicopter propellers
GOST 21743-96	TURBONYCOIL 308	MS-20	МС-20	Petroleum lubricating oil, aircraft piston engines
GOST 25821-93	HYDRAUNYCOIL FH 28	PGV	ПГВ	Synthetic hydraulic fluid, fire resistant
OST 38 01163-78	TURBONYCOIL 321 TURBONYCOIL 210 A	MS-8P MS-8P	МС-8П МС-8П	Petroleum lubricating oil, aircraft turbine engines Synthetic lubricating oil, aircraft turbine engines
OST 38 01281-82	HYDRAUNYCOIL FH 16	MGE-10A	МГЕ-10А	Petroleum hydraulic fluid, – 60°C to + 125°C
OST 38 01412-86	NYCOLUBE 9	AU	АУ	Petroleum hydraulic fluid
OST 54-3-175-72-99	TURBONYCOIL 306	SM-4,5 75 % MS-8P 25 % MS-20	СМ-4,5 75 % МС-8П 25 % МС-20	Petroleum lubricating oil, aircraft turbine engines
TU 38 001116-84	NYCO GREASE GN 44	N° 9	N° 9	Petroleum grease, – 60°C to + 80°C
TU 38 101277-85	NYCOLUBE 122	MT-8p	МТ-8п	Transmission oil, low temperatures
TU 38 101280-89	NYCOLUBE 122	TSZp-8	ТСЗп-8	Transmission oil, low temperatures
TU 38 101295-85	TURBONYCOIL 98	B-3V	Б-3В	Synthetic lubricating oil, aircraft turbine engines



## RUSSIAN SPECIFICATIONS

	NYCO BRAND NAME	TYPE		APPLICATION
		ROMAN	CYRILLIC	
TU 38 101297-78	NYCO GREASE GN 935	VNII NP-235	ВНИИ НП-235	Synthetic grease
TU 38 101328-81	HYDRAUNYCOIL FH 56	LZ-MG-2	ЛЗ-МГ-2	Synthetic hydraulic fluid
TU 38 101359-73	NYCO GREASE GN 55	VNII NP-242	ВНИИ НП-242	Petroleum grease, roller bearings, – 40°C to + 90°C
TU 38 101384-85	TURBONYCOIL 210 A	36/1-kuA	36/1-куА	Synthetic lubricating oil, aircraft turbine engines
TU 38 101577-76	NYCO GREASE GN 89	Svintsol-01	Свинцоль-01	Petroleum grease, extreme pressure, aircraft
TU 38 101759-78	NYCOLUBE 226	K4-20	K4-20	Petroleum lubricating oil, Diesel engines
TU 38 101950-00	NYCO GREASE GN 22	Era VNII NP-286 M	Эра ВНИИ НП-286М	Synthetic grease, moving parts of fuselage
TU 38 1011051-87	NYCO GREASE GN 22	SAPFIR VNII NP-261	САПФИР ВНИИ НП-261	Synthetic grease, landing gears
TU 38 1011181-88	TURBONYCOIL 321	MS-8RK	МС-8РК	Petroleum lubricating oil, aircraft turbine engines
TU 38 1011219-95	NYCO GREASE GN 60	NK-50	НК-50	Synthetic grease, aircraft wheels
TU 38 1011299-90	TURBONYCOIL 210 A	IPM-10	ИПМ-10	Synthetic lubricating oil, aircraft turbine engines
TU 38 1011332-90	TURBONYCOIL 329	TSgip	ТСгип	Petroleum lubricating oil, heavily loaded gears
TU 38 5901257-90	NYCO GREASE GN 32	1-13	1-13	Petroleum grease, roller bearings
TU 6-01-57575838-79	HYDRAUNYCOIL FH 55	POJ-70	ПОЖ-70	Synthetic hydraulic fluid
TU 6-02-271-78	NYCOLUBE 163	MD-3F	МД-3Ф	Radar cooling fluid
TU 6-02-897-78	NYCOLUBE 1216	132-21 (ОКБ 122-16)	132-21 (ОКБ 122-16)	Synthetic lubricating oil
TU 6-02-917-79	NYCO GREASE GN 45	PFMS-4s	ПФМС-4с	Silicone paste, anti-friction, – 30°C to + 300°C
TU 113-07-02-88	NYCOSOL 51	OJ-65 "LENA"	ОЖ-65 "ЛЕНА"	Radar cooling fluid



**RUSSIAN TYPES**

## RUSSIAN TYPES

ROMAN	TYPE CYRILLIC	RUSSIAN SPECIFICATION	NYCO BRAND NAME	APPLICATION
1-13	1-13	TU 38 5901257-90	NYCO GREASE GN 32	Petroleum grease, roller bearings
7-50S-3	7-50C-3	GOST 20734-75	NYCOLUBE 934	Synthetic hydraulic fluid, aircraft
N° 9	N° 9	TU 38 001116-84	NYCO GREASE GN 44	Petroleum grease, – 60°C to + 80°C
36/1-куА	36/1-куА	TU 38 101384-85	TURBONYCOIL 210 А	Synthetic lubricating oil, aircraft turbine engines
132-08	132-08	GOST 18375-73	NYCOLUBE 21	Synthetic lubricating oil, plain bearings, – 65°C to + 70°C
132-10	132-10	GOST 18613-88	NYCOLUBE 250	Synthetic hydraulic fluid
132-21	132-21	TU 6-02-897-78	NYCOLUBE 1216	Synthetic lubricating oil
AMG-10	АМГ-10	GOST 6794-75	HYDRAUNYCOIL FH 51	Petroleum hydraulic fluid, – 60°C to + 135°C
AMS-1	АМС-1	GOST 2712-75	NYCO GREASE GN 34 Gr. 1	Petroleum grease, corrosion preventive
AMS-3	АМС-3	GOST 2712-75	NYCO GREASE GN 34 Gr. 3	Petroleum grease, corrosion preventive
AU	АУ	OST 38 01412-86	NYCOLUBE 9	Petroleum hydraulic fluid
B-3V	Б-3В	TU 38 101295-85	TURBONYCOIL 98	Synthetic lubricating oil, aircraft turbine engines
BU	БУ	GOST 7171-78	NYCO GREASE GN 56	Synthetic grease, hydrocarbon resistant
CIATIM 201	ЦИАТИМ 201	GOST 6267-74	NYCO GREASE GN 22	Synthetic grease, multi-purpose
CIATIM 203	ЦИАТИМ 203	GOST 8773-73	NYCO GREASE GN 22	Synthetic anti-friction grease
CIATIM 205	ЦИАТИМ 205	GOST 8551-74	NYCO GREASE GN 37	Petroleum plastic grease, anti-seize, – 60°C to + 50°C
CIATIM 208	ЦИАТИМ 208	GOST 16422-79	NYCOLUBE 908	Petroleum lubricant, heavily loaded gear reducers
CIATIM 221	ЦИАТИМ 221	GOST 9433-80	NYCO GREASE GN 22	Synthetic grease, – 50°C to + 170°C
Era	Эра	TU 38 101950-00	NYCO GREASE GN 22	Synthetic grease, moving parts of fuselage
Gidkost I	ЖИДКОСТ И	Analog GOST 8313-88	NYCOSOL 13 (as analog)	Icing inhibitor, MIL-DTL-85470B
GOI-54p	ГОИ-54п	GOST 3276-89	NYCO GREASE GN 35	Petroleum grease, corrosion preventive

## RUSSIAN TYPES

ROMAN	TYPE	CYRILLIC	RUSSIAN SPECIFICATION	NYCO BRAND NAME	APPLICATION
IPM-10		ИПМ-10	TU 38 1011299-90	TURBONYCOIL 210 A	Synthetic lubricating oil, aircraft turbine engines
K-17		К-17	GOST 10877-76	NYCOLUBE 20	Petroleum storage oil
K4-20		К4-20	TU 38 101759-78	NYCOLUBE 226	Petroleum lubricating oil, Diesel engines
LITOL 24		ЛИТОЛ 24	GOST 21150-87	NYCO GREASE GN 110	Petroleum grease, multi-purpose
LZ-MG-2		ЛЗ-МГ-2	TU 38 101328-81	HYDRAUNYCOIL FH 56	Synthetic hydraulic fluid
MD-3F		МД-3Ф	TU 6-02-271-78	NYCOLUBE 163	Radar cooling fluid
MGE-10A		МГЕ-10А	OST 38 01281-82	HYDRAUNYCOIL FH 16	Petroleum hydraulic fluid, – 60°C to + 125°C
MK-8		МК-8	GOST 6457-66	TURBONYCOIL 321	Petroleum lubricating oil, aircraft turbine engines
MK-8P		МК-8П	GOST 6457-66	TURBONYCOIL 321	Petroleum lubricating oil, aircraft turbine engines
MS-8P		МС-8П	OST 38 01163-78	TURBONYCOIL 321 TURBONYCOIL 210 A	Petroleum lubricating oil, aircraft turbine engines Synthetic lubricating oil, aircraft turbine engines
75 % MS-8P 25 % MS-20		75 % МС-8П 25 % МС-20	OST 54-3-175-72-99	TURBONYCOIL 306	Petroleum lubricating oil, aircraft turbine engines
MS-8RK		МС-8РК	TU 38 1011181-88	TURBONYCOIL 321	Petroleum lubricating oil, aircraft turbine engines
MS-14		МС-14	GOST 21743-76	TURBONYCOIL 307	Petroleum lubricating oil, helicopter propellers
MS-20		МС-20	GOST 21743-96	TURBONYCOIL 308	Petroleum lubricating oil, aircraft piston engines
MT-8p		МТ-8п	TU 38 101277-85	NYCOLUBE 122	Transmission oil, low temperatures
MVP		МВП	GOST 1805-76	NYCOLUBE 7	Petroleum lubricating oil, low temperatures, instruments
NK-50		НК-50	TU 38 1011219-95	NYCO GREASE GN 60	Synthetic grease, aircraft wheels
OJ-65 "LENA"		ОЖ-65 "ЛЕНА"	TU 113-07-02-88	NYCOSOL 51	Radar cooling fluid
OKB 122-5		ОКБ 122-5	GOST 18375-73	NYCOLUBE 21	Synthetic lubricating oil, plain bearings, – 65°C to + 70°C
OKB 122-7		ОКБ 122-7	GOST 18179-72	NYCO GREASE GN 43	Petroleum grease, roller bearings, – 60°C to + 120°C
OKB 122-16		ОКБ 122-16	TU 6-02-897-78	NYCOLUBE 1216	Synthetic lubricating oil
PES-2		ПЭС-2	GOST 13004-77	NYCOLUBE 167	Polysiloxane fluid
PES-3		ПЭС-3	GOST 13004-77	NYCOLUBE 174	Polysiloxane fluid

## RUSSIAN TYPES

ROMAN	TYPE	CYRILLIC	RUSSIAN SPECIFICATION	NYCO BRAND NAME	APPLICATION
PFMS-4s		ПФМС-4с	TU 6-02-917-79	NYCO GREASE GN 45	Silicone paste, anti-friction, – 30°C to + 300°C
PGV		ПГВ	GOST 25821-93	HYDRAUNYCOIL FH 28	Synthetic hydraulic fluid, fire resistant
POJ-70		ПОЖ-70	TU 6-01-57575838-79	HYDRAUNYCOIL FH 55	Synthetic hydraulic fluid, can also be used in place of STEOL M
PP-95/5		ПП-95/5	GOST 4113-80	NYCO GREASE GN 114	Preservative grease for weapons
PVK		ПВК	GOST 19537-83	NYCO GREASE GN 969	Petroleum plastic grease, corrosion preventive
SAPFIR		САПФИР	TU 38 1011051-87	NYCO GREASE GN 22	Synthetic grease, landing gears
SM-4,5		СМ-4,5	OST 54-3-175-72-99	TURBONYCOIL 306	Petroleum lubricating oil, aircraft turbine engines
SM-9		СМ-9	–	NYCOLUBE 234	Petroleum lubricating oil, helicopters
Svintsol-01		Свинцоль-01	TU 38 101577-76	NYCO GREASE GN 89	Petroleum grease, extreme pressure, aircraft
T-46		Т-46	GOST 32-74	NYCOLUBE 189	Petroleum base oil
TSgip		ТСгип	TU 38 1011332-90	TURBONYCOIL 329	Petroleum lubricating oil, heavily loaded gears
TSZp-8		ТСЗп-8	TU 38 101280-89	NYCOLUBE 122	Transmission oil, low temperatures
USsA		УСсА	GOST 3333-80	NYCO GREASE GN 917	Petroleum graphited grease, heavily loaded mechanisms
VNII NP-207		ВНИИ НП-207	GOST 19774-74	NYCO GREASE GN 22	Synthetic grease, – 50°C to + 170°C
VNII NP-225		ВНИИ НП-225	GOST 19782-74	NYCOLUBE 149	Synthetic lubricating oil, heavily loaded mechanisms, – 60°C to + 250°C
VNII NP-232		ВНИИ НП-232	GOST 14068-79	NYCO GREASE GN 932	Petroleum grease, molybdenum disulphide
VNII NP-235		ВНИИ НП-235	TU 38 101297-78	NYCO GREASE GN 935	Synthetic grease
VNII NP-242		ВНИИ НП-242	TU 38 101359-73	NYCO GREASE GN 55	Petroleum grease, roller bearings, – 40°C to + 90°C
VNII NP-261		ВНИИ НП-261	TU 38 1011051-87	NYCO GREASE GN 22	Synthetic grease, landing gears
VNII NP-286 M		ВНИИ НП-286 М	TU 38 101950-00	NYCO GREASE GN 22	Synthetic grease, moving parts of fuselage
VNII NP-50-1-4f		ВНИИ НП-50-1-4ф	GOST 13076-86	TURBONYCOIL 210 A	Synthetic lubricating oil, aircraft turbine engines
VPS		ВПС	GOST 18613-88	NYCOLUBE 250	Synthetic hydraulic fluid



**NYCO**  
AERONAUTICS



**NYCO**  
DEFENCE



66 avenue des Champs Elysées  
BP 414-75366 Paris Cedex 08 - France

Tel : +33 145 615 000

Fax : +33 145 615 013

[info@nyco.fr](mailto:info@nyco.fr) - [www.nyco.fr](http://www.nyco.fr)