



## LUBRICATION SOLUTIONS FOR AEROSPACE AND MILITARY APPLICATIONS

Russian and Ukrainian specification

Lubricating Oils  
Greases  
Turbine Oils  
Hydraulic Fluids  
Specialities



## BRINGING THE SOLUTION TO YOU

For over 30 years, Tecsia Lubricants has stood out as a lubrication solution provider, with a significant share of the specialty lubricants markets especially in aerospace, military, offshore, food processing, pharmaceutical, marine industries. Our products are widely used in all the areas of production and maintenance technology where specialty lubricant is required.

### LUBRICANTS, HYDRAULIC FLUIDS, TURBINE OILS AND SPECIALITIES

We offer NYCO and ROYCO products which are specially designed for Russian aviation manufacturers (Sukhoi Company, TUPOLEV, MiG, ILYUSHIN and Yak); some major aviation engine manufacturer such as Aviadvigatel, NK Engines Company, NPO Saturn, Power Jet, Kirill Klimov, Tumansky ; as well as Russian and Ukrainian Department of Defence - Air Force, Army or Navy.



### ONE STOP SUPPLY

Everything we do is focused on helping you increase efficiency as well as reducing cost and time. You could save time on sourcing each individual products from different suppliers because we have the most comprehensive range of aerospace and military lubricants available to meet your lubrication requirements.

### TECHNICAL SUPPORT

To allow our customers to concentrate on managing their operation, we offer lubrication management, technical support and lubrication problem solving, as well as technical training. In providing our services, we seek to build a partnership with customer by exceeding their expectations.





# AEROSPACE AND MILITARY PRODUCTS

Tecsia Lubricants carefully selects the unique range of products that comply with the latest Russian and Ukrainian military and commercial aviation specifications. Our products are listed according to the specifications and product brand names.

## LUBRICATING GREASES

SPECIFICATION	RUSSIAN TYPE	NYCO	ROYCO	DESCRIPTION
GOST 2712-75	AMS-1 AMS-3	NYCO GREASE GN 43 Gr.1 NYCO GREASE GN 43 Gr.2		Petroleum grease, corrosion preventive
GOST 3276-89	GOI-54p	NYCO GREASE GN 35		Petroleum grease, corrosion preventive
GOST 3333-80	USsA	NYCO GREASE GN 917		Petroleum graphited grease, loaded mechanisms
GOST 4113-80	PP-95/5	NYCO GREASE GN 114		Preservative grease for weapons
GOST 5573-67	NK-50		ROYCO 45 ROYCO 22CF	Wheel bearing grease, high temperature
GOST 6267-74	CIATIM 201	NYCO GREASE GN 22	ROYCO 22CF	Synthetic multi-purpose grease
GOST 7171-78	BU	NYCO GREASE GN 56	ROYCO 32	Synthetic grease, hydrocarbon resistant
GOST 8551-74	CIATIM 205	NYCO GREASE GN 37		Petroleum plastic grease, anti-seize, -60°C to +50°C
GOST 8773-73	CIATIM 203		ROYCO 22CF	General purpose EP grease
GOST 9433-80	CIATIM 221	NYCO GREASE GN 22	ROYCO 13CF ROYCO 22CF	Synthetic grease, -50°C to +170°C, engine accessories
GOST 9762-76	MS-70	NYCO GREASE GN 39		Petroleum plastic grease, mini. temperature -50°C
GOST 1110-75			ROYCO 22CF	Instrument and bearing grease
GOST 14068-79	VNII NP-232	NYCO GREASE GN 932	ROYCO 44	Petroleum grease with molybdenum disulphide
GOST 18179-72	OKB 122-7	NYCO GREASE GN 43		Petroleum grease, roller bearings, -60°C to +120°C
GOST 18852-73	VNII NP-246		ROYCO 13CF	Grease, high temperature
GOST 19537-83	PVK	NYCO GREASE GN 969		Petroleum plastic grease, corrosion preventive
GOST 19774-74	VNII NP-207		ROYCO 13CF ROYCO 22CF	Grease, multipurpose
GOST 21150-87	LITOL 24	NYCO GREASE GN 110		Petroleum grease, multi-purpose
OCT 38 1355-84CT	HK-50		ROYCO 45 ROYCO 22CF	Grease, aircraft wheel bearing
OCT 38 01180-80	CIATIM 221S CIATIM 221C		ROYCO 13CF	Grease, synthetic
TU 6-02-917-79	PFMS-4s	NYCO GREASE GN 45		Synthetic paste, anti-friction, -30°C to +300°C
TU 38-1-230-66	OKB-122-7-5		ROYCO 22CF	Grease, general purpose
TU 38 101051-87	SAPFIR VNII NP-261	NYCO GREASE GN 22		Synthetic grease, landing gears
TU 38 101297-78	VNII NP-235	NYCO GREASE GN 935		Synthetic grease
TU 38 101359-73	VNII NP-242	NYCO GREASE GN 55		Petroleum grease, roller bearings, -40°C to +90°C
TU 38 101419-79	CIATIM 221S		ROYCO 13CF	Grease, synthetic
TU 38 101577-76	Svintsol-01	NYCO GREASE GN 89		Petroleum grease, extreme pressure, aircraft
TU 38 101950-83	Era VNII NP-286M		ROYCO 22CF	Aircraft grease, general purpose
TU 38 101950-89	Era VNII NP-286M	NYCO GREASE GN 22		Synthetic grease, moving parts of fuselage
TU 38 401121-75	Era VNII NP-286M		ROYCO 22CF	Grease, synthetic
TU 38 0011116-84	N°9	NYCO GREASE GN 44		Petroleum grease, -60 to +80°C
TU 38 1011219-95	NK-50	NYCO GREASE GN 22		Synthetic grease, aircraft wheels
TU 38 1011315-90	RJ	NYCO GREASE GN 64		Semi-fluid grease, corrosion preventive, guns
TU 38 5901257-90	1-13	NYCO GREASE GN 32		Petroleum grease, roller bearings
VT UNP-18-58	CIATIM 221S		ROYCO 13CF	Grease



# AEROSPACE AND MILITARY PRODUCTS

## LUBRICATING OILS / TURBINE OILS / ENGINE OILS

SPECIFICATION	RUSSIAN TYPE	NYCO	ROYCO	DESCRIPTION
-	SM-9	NYCOLUBE 234		Petroleum lubricating oil for helicopters
GOST 1805-76	MVP	NYCOLUBE 7		Instrument lubricating oil, low temperature
GOST 6457-66	MK-8		ROYCO 481	Mineral based turbine engine oil
GOST 10328-63	MK-6		ROYCO 481	Mineral based turbine engine oil
GOST 10877-76	K-17	NYCOLUBE 4		Petroleum storage oil
GOST 11552-65	MS-6		ROYCO 481	Mineral based turbine engine oil
GOST 13004-77	PES-2 PES-3	NYCOLUBE 167 NYCOLUBE 174		Polysiloxane fluid
GOST 13076-86	VNII NP-50-1-4F	TURBONYCOIL 525-2A	ROYCO 560	Synthetic lubricating oil, aircraft turbine engine
GOST 16422-79	CIATIM 208	NYCOLUBE 908		Petroleum lubricating oil, heavily loaded gearbox
GOST 18375-73	132-08 (OKB 122-5)	NYCOLUBE 21		Synthetic lubricating oil, plain bearings, -65°C to +70°C
GOST 19782-74	VNII NP-225	TURBONYCOIL 149		Synthetic oil, loaded mechanisms, -60 to +250°C
GOST 20734-75	7-50S-3	NYCOLUBE 934		Synthetic hydraulic fluid, aircraft
GOST 21743-96	MS-14 MS-20	TURBONYCOIL 307 TURBONYCOIL 308		Petroleum lubricating oil, aircraft piston engine
OST 38 01402-86	VM-4	NYCOLUBE 4		Petroleum lubricating oil, vacuum pumps
OST 38 01412-86	AU	NYCOLUBE 9		Petroleum hydraulic fluid
TU 6-02-271-78	MD-3F	TURBONYCOIL 163		Radar cooling fluid
TU 6-02-897-78	132-21 (OKB 122-16)	NYCOLUBE 1216		Synthetic lubricating oil
TU 38 101277-85	MT-8p	NYCOLUBE 122		Transmission oil, low temperature
TU 38 101280-89	TSZp-8	NYCOLUBE 122		Transmission oil, low temperature
TU 38 101295-85	B-3V	TURBONYCOIL 98		Synthetic lubricating oil, aircraft turbine engine
TU 38 101384-85	36/1-kuA	TURBONYCOIL 525-2A		Synthetic lubricating oil, aircraft turbine engine
TU 38 101759-78	KTCH-20	NYCOLUBE 226		Diesel engine oil
TU 38 1011299-90	IPM-10	TURBONYCOIL 210A		Synthetic lubricating oil, aircraft turbine engine
TU 38 1011332-90	TSgip	TURBONYCOIL 329		Petroleum lubricating oil, heavily loaded gears
TU 38 101295-75	B3V		ROYCO 500	Turbine Oil, Synthetic
TU 38 101295-85	B3V		ROYCO 560 ROYCO 500	Turbine engine oil, synthetic
TU 38 101384-78	1Ku-A		ROYCO 560 ROYCO 500	Turbine engine oil, synthetic
TU 39 401286-82	VNII NP-50-1-4U		ROYCO 560	Turbine engine oil, synthetic
TU 38 4015812-91	VNII NP-50-1-4U		ROYCO 560	Turbine engine oil, synthetic
TU 301 04010-92	LZ-240		ROYCO 560	Turbine engine oil, synthetic
OST 38 01163-78	MS-8P	TURBONYCOIL 321		Petroleum lubricating oil, aircraft turbine engine
OST 54-3-175-72-99	SM-4,5	TURBONYCOIL 306		Petroleum lubricating oil, aircraft turbine engine





# AEROSPACE AND MILITARY PRODUCTS

## HYDRUALIC

SPECIFICATION	RUSSIAN TYPE	NYCO	ROYCO	DESCRIPTION
GOST 5020-75	Steol-M	HYDRAUNYCOIL FH 1		Synthetic hydraulic fluid
GOST 6794-75	AMG-10	HYDRAUNYCOIL FH 51		Petroleum hydraulic fluid, -60 to +135°C
GOST 6794-78	MG-10		ROYCO 756	Mineral based hydraulic fluid
GOST 25821-93	PGV	HYDRAUNYCOIL FH 28		Synthetic hydraulic fluid, fire resistant
OST 38 01281-82	MGE-10A	HYDRAUNYCOIL FH 16		Petroleum hydraulic fluid, -60°C to +125°C
TU 6-01-5757583-8	POJ-70	HYDRAUNYCOIL FH 55		Synthetic hydraulic fluid

## SPECIALITIES

SPECIFICATION	RUSSIAN TYPE	NYCO	ROYCO	DESCRIPTION
GOST 159-52	Brand 65	NYCOSOL 21		Engine cooling fluid
GOST 8313-88	Gidkost I	NYCOSOL 37		Aircraft fuel system, icing inhibitor
GOST 14068-79	VNII NP-232		ROYCO 44	Antiseize compound
GOST 15171-70	AKOR-1		ROYCO 581	Additive compound
GOST 18300-87	-	NYCOSOL 2		Ethyl Alcohol
TU 6-10-1458-79	Gidkost I-M	NYCOSOL 37M		Aircraft fuel system, icing inhibitor

Notice: The information supplied by Tecsia Lubricants Pte Ltd. is believed to be accurate but is furnished upon the express condition that the user shall make its own assessment to determine the product suitability for a particular purpose. Before using any chemical, please read its technical data sheet, label and material safety data sheet.

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**TECSIA LUBRICANTS**

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