



GENERAL PRESERVATIVE LUBRICATING OIL, LOW TEMPERATURE, WATER-DISPLACING

NATO CODE O-190 – MIL-PRF-32033A Amd1 Type I (ex.VV-L-800)

AIRBUS CML 03BCB1 & 03BDB9

DESCRIPTION

Nycolube 30 is a petroleum lubricating oil with a minimum viscosity of 11 cSt at 40°C. It is inhibited against corrosion and has water-displacing properties.

APPLICATION

Nycolube 30 is a general purpose preservative oil for military equipment and is primarily used to protect weapons of all calibers from rust during storage.

Nycolube 30 remains fluid at very low temperature and can be used down to -50°C in applications where lubrication capability and rust-protection are required.



Characteristic	Unit	Typical Result	Limit MIL-PRF-32033A Amd1	Test method
- Appearance	-	conform	limpid	visual
- Density at 20°C	kg/dm ³	0.853	-	ASTM D 4052
- Kinematic viscosity at 100°C 40°C -40°C -54°C	mm ² /s	2.9 11.4 2430 55000	- min. 11.0 max. 7000 max. 60,000	ASTM D 445
- Pour point	°C	-63	max. -57	ASTM D 97
- Flash point , COC	°C	165	min. 135	ASTM D 92
- Acid number	mg KOH/g	0.03	-	ASTM D 974
- Stability 72h at -45°C	%	pass	MIL-PRF-32033	FTM-S-791-3458
- Evaporation loss, 22 h at 100°C	%m	8	max. 25	ASTM D 972
- Copper Corrosion, 3 h at 100°C	-	1a	max. 2a	ASTM D130
- 4-ball wear scar	mm	0.65	max. 1.0	ASTM D 4172
- Water displacement and water stability	-	pass	MIL-PRF-32033	FTM-S-791-3007
- Corrosion protection	-	250	min. 192	ASTM D 1748 (+MIL-PRF-32033)
- Corrosion and oxidative stability, 168h at 121°C				
Total acid number change	mg KOH/g	0.1	max. 0.2	ASTM D 4636
Viscosity at 40°C change	%	1.5	-5 to +20	

The values above are typical values. They do not constitute any contractual commitment.
Sales specifications are available on request. The present technical data sheet replaces all the previous editions.

