



PETROLEUM LUBRICATING OIL, Extreme Pressure

NATO CODE O-136 – DEF STAN 91-97 Iss. 1 – OEP-71 – BA-PO-103B

DESCRIPTION

Turbonycoil 310 is a pure refined mineral oil containing selected pour point depressant and an extreme pressure additive.

APPLICATION

Turbonycoil 310 is intended for use on gearbox of certain aircraft and aircraft cannon.



Characteristic	Unit	Typical Result	BA-PO-103 B Limit	Test method
- Appearance	-	conform	clear liquid, free of water, sediment and suspended matter	visual examination
- Density at 20°C	kg/dm ³	0.881	-	ASTM D 4052
- Kinematic viscosity at 100°C	mm ² /s	9.0	8.7 – 9.3	ASTM D 445
- Kinematic viscosity at 40°C	mm ² /s	68	-	-
- Viscosity index	-	107	min. 100	ASTM D 2270
- Flash point	°C	250	min. 210	ASTM D 92
- Pour point	°C	-33	max. -29	ASTM D 97
- Acid number	mgKOH/g	0.02	max 0.1	ASTM D 974
- Copper corrosion, 3h at 100°C	-	unchanged	max. 1	ASTM D 130
- Saponification number	mgKOH/g	1.7	max. 3.0	ASTM D 94
- Ash content	% m	0.004	max. 0.01	ASTM D 482
- Load wear index	N	330	min. 295	ASTM D 2783

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.

