

HELICOPTER GEAR OIL

NATO CODE O-155

DESCRIPTION

Nycolube 3525 is a petroleum oil with a viscosity of 9 cSt at 100°C and contains high performance extreme-pressure additives.

APPLICATIONS

- Civil and military helicopter gearboxes operated in temperate or warm climates



SPECIFICATIONS * / OEM's & Airframers reference

- Approved MIL-PRF-6086 F Gr. M
- Approved DCSEA 255/A
- Meets DEF STAN 91-112 Iss. 2 / OEP-70
- Listed in Airbus Helicopters CM123

* **Approved:** The product has been approved by the relevant authority. The product is referenced on the applicable qualified product list.
Meets: The product complies with all the requirements of the specification and has not been formally approved or approval is in progress or the specification is obsolete.

CHARACTERISTIC	UNIT	TYPICAL RESULT	MIL-PRF-6086F GRADE M LIMIT	TEST METHOD
Appearance	-	Brown limpid oil	limpid	Visual examination
Density at 15°C	kg/dm ³	0.875	--	ASTM D4052
Color	-	0.5	max. 8	ASTM D1500
Kinematic Viscosity at 100°C at 40°C at 37.8°C	mm ² /s	8.8 65 72	- - 60 to 82	ASTM D445
Viscosity Index	-	108	min. 80	ASTM D2270
Pour Point	°C	-36	max. -28.9	ASTM D97
Flash Point, COC	°C	205	min. 154.5	ASTM D92
Acid Number	mg KOH/g	0.08	max. 1.0	ASTM D974
Precipitation Number	ml	0.0	max. 0.1	ASTM D91
Copper Corrosion, 3 h at 100°C	-	1a	max. 2	ASTM D130
Load Carrying Capacity, Load Wear Index	daN	50	min. 40	ASTM D2783
Foaming Test (tendency 5min aeration / stability 1 min settling) at 24°C at 94°C at 24°C after 94°C	ml/ml	5/0 10/0 5/0	max. 5 / 0 max. 20 / 0 max. 5 / 0	ASTM D892

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.