



Hydraulic Oil 5606

High performance general purpose hydraulic oil

Product description

Hydraulic Oil 5606 is a high performance general purpose red-dyed hydraulic oil specially developed for a range of general purpose severe service industrial applications, and offers reliable low temperature fluidity.

Hydraulic Oil 5606 has a mineral base oil formulation with a robust additive system offering good low temperature fluidity; robust wear protection, oxidation and corrosion resistance with dependable shear stability. Hydraulic Oil 5606 contains a passivator and offers good anti-foam performance, making it suitable for a range of general purpose industrial hydraulic applications.

Customer benefits

- Designed with a high viscosity index (VI) to offer flexibility of use across a wide range of environmental and operating temperatures
- Specially developed for flexible general purpose use, across a range of severe industrial applications, reducing inventory costs
- Offers reliable fluidity and system protection in low environmental and operating temperatures, and at system start-up
- Formulated for protection against system wear, corrosion and oxidation, helping reduce downtime
- Can be used with a combination with generally available seals and paints, helping improve service uptime

Product highlights

- **Designed for use across a wide temperature range**
- **Flexible general purpose use**
- **Offers good low temperature fluidity**
- **Formulated for wear, corrosion and oxidation protection**
- **Can be used with generally available seals and paints**

Selected specification standards include:

DIN 51 524 part III

Mil-H-5606G

Mil-PRF-5606H

Applications

- Hydraulic Oil 5606 is formulated for use in systems where a very clean oil is required such as in certain autopilots and robotics. It can be used under a variety of weather conditions
- Hydraulic Oil 5606 can be used in severe operating conditions over a broad temperature range and is especially suitable for low temperature applications

Note: Hydraulic Oil 5606 should not be used in systems where natural rubber elastomers are present

Approvals, performance and recommendations

Performance

- Mil-H-5606G
- DIN 51 524 part III
- Hydraulic Oil 5606 meets Mil-PRF-5606H, which supersedes Mil-H-5606, Mil-O-5606, AN-O-336, AN-VV-O-336 and AAF-3580

Typical test data

Test	Test Methods	Results
Viscosity Grade		15
Shelf Life: 48 months from date of filling indicated on the product label		
Appearance	Visual	Red
Viscosity, Kinematic at 40 °C, mm ² /s	ASTM D445	14.63
Viscosity, Kinematic at 100 °C, mm ² /s	ASTM D445	5.372
Viscosity Index		370
Flash Point COC, °C	ASTM D92	112
Pour Point, °C	ASTM D5950	<-60
Density at 15°C, kg/l	ASTM D4052	0.8676
Air release at 50°C, min	ASTM D3427	0.43
Foam Seq I, ml	ASTM D892	80/0
Foam Seq II, ml	ASTM D892	40/0
Foam Seq III, ml	ASTM D892	70/0

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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