



Hydraulic Oil 5606H

High performance severe service hydraulic fluid

Product description

Hydraulic Oil 5606H is a high performance red-dyed mineral hydraulic fluid especially developed for use in severe service conditions in a range of industrial applications.

Formulated with a robust, shear stable additive system, Hydraulic Oil 5606H offers good low temperature fluidity with reliable wear protection, oxidation and corrosion resistance, combined with a metal passivator and foam suppression system.

Customer benefits

- High viscosity index (VI) promotes wide operating temperature range
- Designed for low temperature fluidity offering wear protection at cold start-up
- Dependable anti-wear performance helps reduce maintenance and downtime
- Formulated for corrosion and oxidation resistance and optimum uptime
- Compatible with a range of generally available seals and paints

Product highlights

- **Wide operating temperature range**
- **Low temperature fluidity**
- **Anti-wear performance**
- **Corrosion and oxidation resistance**
- **Compatible with a range of seals and paints**

Selected specification standards include:

DIN 5 524 part III

MIL-SPEC: Mil-PRF-5606H

Applications

- Hydraulic Oil 5606H is recommended for use in systems where a very clean oil is required such as in autopilots and robotics. It can be used under a wide range of weather conditions
- Hydraulic Oil 5606H is suitable for use in severe operating conditions over a wide temperature range including for low temperature applications
- Hydraulic Oil 5606H is recommended for the lubrication of hydraulic systems where the MIL-H-5606 G spec is required

Note: Hydraulic Oil 5606H should not be used in systems using natural rubber elastomers.

Approvals, performance and recommendations

Performance

- Hydraulic Oil 5606H meets DIN 5 524 part III
- Hydraulic Oil 5606H meets and is qualified under MIL-SPEC: Mil-PRF-5606H, that 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: 60 months from date of filling indicated on the product label		
Appearance	Visual	Red
Viscosity, Kinematic at 40 °C, mm ² /s	ISO 3104	14.30
Kinematic Viscosity at 100°C, mm ² /s	ISO 3104	5.13
Viscosity Index	ISO 2909	372
Pour Point, °C	ISO 3016	-62
Flash Point COC, °C	ISO 2592	95
Density at 15°C, kg/l	ASTM D1298	0.880
Copper Corrosion 3h/100°C	ASTM D130	1B
Copper Corrosion 72h/135°C	ASTM D130	1B
TAN, mgKOH/g, max	DIN 51 558	0.04

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.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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