

Product description



Hydraulic Oil Arctic

High performance hydraulic oil for cold climate applications

Product description

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

Hydraulic Oil Arctic is based on mineral oil in combination with a robust additive system which offers good low temperature fluidity, robust wear protection, oxidation and corrosion resistance with dependable shear stability. Hydraulic Oil Arctic offers good anti-foam performance, making it suitable for a range of industrial hydraulic applications.

Customer benefits

- Developed with a high viscosity index (VI) to offer flexibility of use across a wide range of operating temperatures.
- Wide range of industrial hydraulic applications, reducing inventory costs.
- Offers reliable fluidity and system protection at low environmental and operating temperatures.
- Formulated for protection against system wear, corrosion and oxidation, which reduce downtime.
- Can be used with generally available seals and paints, which also minimize downtime.

Applications

- Hydraulic Oil Arctic is formulated for use in a wide range of hydraulic systems and is especially suitable for use under very cold climate conditions and where an ISO VG 15 oil is recommended.

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

Approvals, performance and recommendations

Performance

- DIN 51 523-3

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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 (cSt)		
mm ² /s v. 40°C	ASTM D445	14,6
mm ² /s v. 100°C	ASTM D445	5,3
Viscosity Index (VI)		370
Flash Point COC, °C	ASTM D92	112
Pour Point, °C	ASTM D5950	<-60
Density at 15°C, kg/l	ASTM D4052	0,867
Foam Seq. II, ml.	ASTM D892	40/0
Foam Seq. III, ml.	ASTM D892	70/0
Product code		I 6258

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

YX Smørelie A/S 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 Productdescription.

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 Safety Data Sheet (SDS). SDS'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.