

COREX HV 46

Multi-grade, high-performance industrial and hydraulic oil

Description

COREX HV 46 is a high-performance industrial and hydraulic oil with multi-grade properties. Excellent shear stability, chemical additives ensure a markedly high viscosity index (High-Viscosity-Index = HVI) and as a result, an extremely flat viscosity-temperature curve. This multi-grade property is even preserved in prolonged, tough conditions. (Stay-in-Grade)

Product features

- excellent wear protection
- optimum viscosity-temperature behaviour
- multi-grade hydraulic oil
- no drop in the HV index (high viscosity)
- excellent corrosion protection
- excellent shear stability
- high-pressure properties

Field of application

COREX HV are particularly suitable for any hydraulic systems that are exposed to low and high temperatures on a non-regular basis, such as outdoor units at power stations, construction machines, cranes, forklifts etc. They can also be used as dumper, lifting column and damper oils. In addition, they can be optimally used as lubricating oils in presses, machine tools etc.

Specifications

ASTM D6158 HM, CINCINNATI MILACRON P-70, CINCINNATI MILACRON P-68, CINCINNATI MILACRON P-69, DENISON HF-0, DENISON HF-1, DENISON HF-2, DIN 51524-3 HVLP, JCMAS HK P041, SEB 181 222, U.S. STEEL 126, 127, 136, EATON M-2950-S, EATON 03-401-2010, EATON E-FDGN-TB002-E, GM LS2, ISO 11158, ISO 6743-4 HV, SAUER DANFOSS, VICKERS I-286-S

Technical Data

Properties	Test according to	Unit	Values
Colour			yellow
Viscosity			ISO VG 46
Density at 20 °C		g/cm ³	0.872
Viscosity at 40°C	DIN 51562-1	mm ² /s	46.0
Viscosity at 100°C	DIN 51562-1	mm ² /s	8.4
Viscosity index	DIN ISO 2909		159.0
Flash point	DIN EN ISO 2592	°C	> 200
Pourpoint	ASTM D5950	°C	-42

The above information corresponds to the current state of our knowledge. We reserve the right to make changes. The performance characteristics indicated are based on testing and production tolerances standard in this industry. A safety data sheet is available.

MOTOREX USA Inc.

993 Federal Road
 Brookfield, CT06804-1108, United States
 Tel. +1 203-775-1291
 motorex.com
 13.08.2024 / 24

MOTOREX AG

Bern-Zürich-Strasse 31
 4901 Langenthal, Schweiz
 Tel. +41 62 919 75 75
 motorex.com