



COREX HVLP-D 46, 68

High Performance industrial and hydraulic oils with cleaning and dispersing properties

Description

MOTOREX COREX HVLP-D 46, 68 are high-performance industrial and hydraulic oils with a multigrade character. It is formulated from carefully selected paraffin-based base oils and high performance additives. Chemical additives which are extremely stable when subjected to shear forces and can change their structure ensure a markedly high viscosity index (High Viscosity Index = HVI) and a resultant extremely flat viscosity-temperature curve. This multigrade characteristic is also retained after long hard use (Stay-in-Grade). Also, thanks to the special additives, it has very good surface slip characteristics, thus effectively avoiding stick-slip operation between the individual components.

Field of application

MOTOREX COREX HVLP-D 46, 68 are hydraulic oils with extremely stable viscosity for precise hydraulic power transmission, instrumentation and control systems, especially for systems which operate at low temperatures. Its excellent detergent and dispersive effects help to prevent malfunctioning.

Specifications

HVLP-D DIN 51502
HVLP DIN 51524/T3

Advantages

- multigrade hydraulic oils
- detergent effect
- dispersive or water-absorption capability (up to 0.5%)
- effective corrosion protection
- good foaming behaviour
- low pour point
- excellent shear stability
- wear-reducing effect
- compatible with the materials used for seals in hydraulic systems
- compatible with other mineral-oil-based hydraulic oils

Technical data

Properties	Unit	Test according to	Values1	Values2
Viscosity class		ISO VG	46	68
Colour		DIN ISO 2049	yellow	yellow
Density at 20 °C	g/ml	ASTM D 4052	0.878	0.880
Viscosity at 40 °C	mm ² /s	DIN 51562-1	47.1	69.1
Viscosity at 100 °C	mm ² /s	DIN 51562-1	8.7	11.3
Viscosity index		DIN ISO 2909	166	157
Pourpoint	°C	ASTM D 5950	-48	-36
Flash point	°C	DIN EN ISO 2592	>170	>200

Water hazard class: WGK 1
Disposal code: EWC 130 110

The above information is subject to change without prior notice, although they are in accordance with current standards. Performance characteristics indicated are based on usual tolerances which occur during measuring and production using the latest technology. A safety data sheet is available.

N.1.111 HydriCOREX HVLP-D46, 68 1404



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