

# COREX HV 100

## ISO VG 100

### Multi-grade, high-performance industrial and hydraulic oil

#### Description

COREX HV 100 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)

#### Advantages

- excellent wear protection
- optimum viscosity-temperature behaviour
- Multi-grade hydraulic oils
- no drop in the HV index (high viscosity)
- excellent corrosion protection
- low pour point
- 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

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

#### Technical data

Properties	Unit	Test according to	Values
Colour			yellow
Density at 20 °C	g/cm <sup>3</sup>	ASTM D4052	0.883
Viscosity at 40 °C	mm <sup>2</sup> /s	DIN 51562-1	100
Viscosity at 100 °C	mm <sup>2</sup> /s	DIN 51562-1	14.8
Viscosity index		DIN ISO 2909	154
Pourpoint	°C	ASTM D5950	-39
Flash point C.O.C.	°C	DIN EN ISO 2592	>200

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.

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