repsol lubricants

Turbines & Compressors Oil

MAKER MERAK VDL

Description

Merak VDL oils belong to the group of oils commonly referred to as compressor oils. Their careful formulation includes, in addition to high-quality base oils, the necessary additives to increase their resistance to oxidation and to ensure good anti-wear and anti-corrosion properties.
They are specially recommended for the lubrication of the cylinders and mechanisms of rotary and alternate compressors, whether for air or inert gases, with high discharge temperatures (up to 220 °C).

Properties

- Minimum tendency to form deposits.
- Excellent resistance to oxidation.
- High resistance to rust.
- Excellent anti-foam properties.
- High capacity to eliminate air.
- High load capacity.

Quality levels, approvals and recommendations

- DIN 51506 VDL
- ISO 6521/1 DAA, DAB
- ISO 6521/2 DAG, DAH
- ISO 6743/3 - DAB, DAH
- MACGREGOR (HATLAPA, PORSGRUNN, PUSNES) (100)*
- OIL-TECH, ref. Al-34877 OIL-TECH, ref. Al-34877 certified

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE		
ISO Viscosity Grade			46	68	100
Density at 15 °C	g/cm3	ASTM D4052	0.879	0.884	0.886
Kinematic viscosity at 40 °C	cSt	ASTM D445	46	68	100
Kinematic viscosity at 100 °C	cSt	ASTM D445	6.8	8.5	11
Viscosity index	-	ASTM D2270	98	98	97
Flash point, open cup	°C	ASTM D92	220	230	245
Pour point	°C	ASTM D97	-12	-12	-12
TAN	mg KOH/g	ASTM D664	0,2	0,2	0,2
Water separability at 54 °C	min	ASTM D1401	‹25	‹25	-
Water separability at 82 °C	min	ASTM D1401	-	-	‹25

The above mentioned characteristics are typical values and should not be considered product specifications.