

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

- They comply with DIN 51506-VDL
- ISO 6743 Part 3 DAA, DAG, DGA, DGB y DVA
- Results certified by OIL-TECH, Ref. AI-34877
- MacGregor group (HATLAPA*, PORSGRUNN*, PUSNES*) for piston compressors (ISO 100)

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE		
ISO Grade			46	68	100
Viscosity at 100 °C	cSt	ASTM D 445	6.8	8.5	11
Viscosity at 40 °C	cSt	ASTM D 445	46	68	100
Viscosity index		ASTM D 2270	98	98	97
Density at 15 °C	g/cm ³	ASTM D 4052	0.880	0.880	0.885
Pour point	°C	ASTM D 97	-12	-12	-12
Flash point	°C	ASTM D 92	220	230	245
Water separability	min.	ASTM D 1401	<25	<25	<25
Resistance to rusting					
- Conradson carbon	%	DIN 51352 Part 2	1.2	2.7	3.0
- Evaporation losses	%	DIN 51352 Part 2	5	4.5	3
No. neutralisation (TAN)	mgKOH/g	ASTM D 974	0.2	0.2	0.2
Rust, Methods A and B		ASTM D 665	Pass	Pass	Pass

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

A safety data sheet is available on request.

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