



## 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 VG 32)
- ISO: 6743/3 DAA, DAG, DGA, DGB y DVA (ISO VG 32)
- MacGregor (HATLAPA, PORSGRUNN, PUSNES) (ISO VG 32)



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## Technical specifications

	UNIT	METHOD	
ISO Viscosity Grade			32
Viscosity at 100 °C	cSt	ASTM D445	5.6
Viscosity at 40 °C	cSt	ASTM D445	32
Viscosity index	-	ASTM D2270	98
Density at 15 °C	g/cm <sup>3</sup>	ASTM D4052	0.855
Pour point	°C	ASTM D97	-33
Flash point, open cup	°C	ASTM D92	224
Water separability	minimum	ASTM D1401	<25
Resistance to rusting			
- Conradson carbon	%	DIN 51352/2	1.2
- Evaporation losses	%	DIN 51352/2	5
TAN	mgKOH/g	ASTM D974	0,2
Resistance to rust, A and B		ASTM D665	Pass

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