

Aral Motanol HE 46

Compressor Oil Type VDL

Applications:

Aral Motanol HE 46 is a compressor oil in accordance with DIN 51506 of the lubricating oils groups VDL. This product is based on paraffinic base oils with a narrow distillation cut, minimal evaporation loss and a high oxidation stability. In addition, this product contains additives that increase aging resistance and corrosion protection.

Aral Motanol HE 46 is characterised by an extremely lowcoking inclination, a high thermal and oxidative resistance, a lowevaporation inclination and economical oil consumption. Furthermore, this compressor oil has a good water separation ability and a low foaming tendency.

Aral has successfully submitted this product to the strict requirements of the high-quality standard DIN EN ISO 9001. This certification gives you an additional safety assurance with this products quality and the service that can be expected from Aral.

Operational area:

Aral Motanol HE 46 is provided for the application in mobile air compressors with compression temperatures up to +220°C and in stationary air compressors with compressed air tanks or pipe lines with compression transmission temperatures up to +220°C.

Aral Motanol HE 46 compressor oil should be used, where air compressor oils VDL are recommended or prescribed in accordance with DIN 51506. This product is for the lubrication of multi-stage stroke and rotary piston compressors with very high pressure and temperature levels. In addition, this product is outstandingly suitable for the lubrication of sliding vane compressors (flight cell and/or rotary compressors), oil-flooded sliding vane compressors (oil injection cooling) and rotary screw compressors

Technical Data

ISO-VG		DIN 51519	46
Colour		DIN ISO 2049	1,5
Density at 15 °C	g/ml	DIN 51757	0,875
Viscosity			
40 °C	mm ² /s	DIN 51562	46
100 °C	mm ² /s	DIN 51562	6,7
Neutralization number	mg KOH/g	DIN 51558-1	<0,15
Flash point COC	°C	DIN ISO 2592	230
Pourpoint	°C	DIN ISO 3016	-12
Ageing characteristics	Gew%	DIN 51352-1	<1,0
Steam pressure Van de Waals			
20 °C	mmHg		2,2x10-9
40 °C	mmHg		2,1x10-8
60 °C	mmHg		1,5x10-7

Remarks:

All data is subject to development for the product and the production process.

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