

Goldenstone® MVK-1

Technical Data Sheet (TDS)

Compressor Oils

Description and Application

The compressor oils **GOLDENSTONE® MVK-1** are designated to lubricate rotary and piston type compressors with low and medium output capacities, and output air pressures lower than 1000 kPa and output air temperatures up to 140°C. **GOLDENSTONE® MVK-1** compressor oils are formulated from a carefully balanced selection of high quality solvent refined and hydrotreated base stocks of paraffinic-naphthenic type.

GOLDENSTONE® MVK-1/100 may be used in oil sealed mechanical vacuum pumps at low vacuum up to $1.3 \cdot 10^{-1}$ Pa and non-aggressive gases, where lubricants meeting OCT 3801402-86 & TGL 15291-R910 are required

Benefits

- Very good oxidation stability
- Dependable corrosion protection

Specifications

ISO 6743/3A	ISO- L-DAA
ISO 3448	VG 32, 100, 150, 220
DIN 51506	VB and VC

Typical Characteristics

Parameter	Test Method	Typical Value			
		32	100	150	220
Density at 20°C, g/ml	EN ISO 3675	0.868	0.883	0.889	0.893
Kinematic viscosity at 40°C, mm ² /s	EN ISO 3104	32	100	150	220
Viscosity index	ISO 2909	90	90	90	90
Flash point, COC, °C	EN ISO 2592	185	225	235	245
Pour point, °C	ISO 3016	-17	-12	-12	-12
Copper strip corrosion, 3h, 100°C	EN ISO 2160	1b			
TAN, mgKOH/g	ISO 6618	0.02	0.02	0.03	0.03
Carbon residue content, %	ISO 6615	0.05	0.12	0.20	0.35

Important note: Typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

www.goldenstoneoils.com

Packages

210L, Bulk