

TECHNICAL DATA SHEET

MEEKCOMP OIL M

PRODUCT DESCRIPTION

Meek Compressor Oil M Series Especially in screw compressors, during the compression process under high pressure and high temperatures, strong turbulence can occur between the cooling fluid (oil) and atmospheric oxygen. At discharge temperatures around 110°C, lubricants undergo intense oxidation, which accelerates oil aging. Selecting high-quality base oils and highly efficient additives prevents oil degradation and ensures long-term, uninterrupted operation. Meek Compressor M series air compressor fluids feature excellent air-release properties and a low tendency to foam. All components of the air compressor — such as bearings, pistons, valves, and gears — are reliably protected against wear, even under high pressures and elevated ambient temperatures.

APPLICATIONS

These are universal compressor fluids suitable for use in air compressors — including oil-flooded screw compressors as well as vane and piston compressors.

ADVANTAGES

- Long service life (≥ 4000 h)
- Very high oxidation and thermal stability
- Minimal evaporation loss to ensure low oil carryover
- High detergency and low tendency to form deposits, helping keep compressors clean and extending filter life
- Low foaming tendency
- Excellent air-release properties
- Outstanding wear protection
- Very good corrosion protection

TYPICAL PROPERTIES

Properties	Unit	32	46	68	100	150	220
ISO VG	–	32	46	68	100	150	220
Viscosity @40°C	mm ² /s	32	46	68	100	150	220
Viscosity @100°C	mm ² /s	5.5	6.9	9	11.6	14.5	18.7
Viscosity Index	–	108	107	108	104	95	93
Density @15°C	kg/m ³	0.87	0.86	0.86	0.87	0.89	0.895
Color	ASTM	0.5	0.5	0.5	0.5	1.5	2.0
Flash Point, COC	°C	220	230	230	270	255	260
Pour Point	°C	-39	-36	-33	-33	-15	-12



HEALTH AND SAFETY RECOMMENDATIONS

Waste oils must not be discharged into underground or surface water sources, sewage systems or garbage cans. Prolonged or repeated contact with used oils may cause skin diseases. Therefore sterilized gloves should always be used. If part of the skin comes into contact with waste oil, that part should be immediately washed with plenty of soap and water. In case of skin irritation or redness caused by contact, seek advice of your doctor immediately. For more information contact Material Safety Data Sheet (MSDS).

The vehicle and equipment manufacturers specifications and relevant international standards were taken into consideration while preparing the content of this Technical Data Sheet. The expressions in the content of this Technical Data Sheet can not be considered as guarantee commitment or similar way in terms of product characteristics and product use in any applications.

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