

TECHNICAL DATA SHEET

MEEKCOMP OIL SYN E 100

PRODUCT DESCRIPTION

Synthetic saturated ester-based air compressor lubricant for heavy-duty applications. With outstanding thermal stability to minimize carbon residues.

MEEKCOMP OIL SYN E 100 is a synthetic air compressor lubricant based on advanced synthetic saturated ester technology, containing a synergistic blend of anti wear, anti-corrosion and anti-oxidant additives to enhance performance. It is suitable for use in reciprocating and vane compressors, depending on the viscosity requirements of the compressor.

APPLICATIONS

Due to the highly stable, synthetic ester base fluid combined with an efficient additive system **MEEKCOMP OIL SYN E 100** is working reliably also under most challenging conditions. **MEEKCOMP OIL SYN E 100** is completely miscible and compatible with commonly used air compressor oils based on diester and/or trimellitate esters. The fluid is also miscible with mineral oils, although residual mineral oil in the system will degrade the performance of the **MEEKCOMP OIL SYN E 100** fluid. A complete oil change is recommended. Designed for use in reciprocating and vane compressors dependent upon viscosity requirements.

ADVANTAGES

- Synthetic ester base
- Proven lubrication performance in reciprocating and vane compressors
- Low coefficient of friction
- Reduced power consumption, potentially reducing energy costs
- Highly resistant to oxidation
- Reduces carbon deposits (e.g. in valves and filters)
- Reduced maintenance and down-time costs
- Extended oil lifetime = extended oil drain intervals
- Suitable for extreme working conditions

TYPICAL PROPERTIES

Density@15°C, g/ml	ASTM D 4052	0,987
Viscosity@ 40°C, mm ² /s	ASTM D 445	100
Viscosity@100°C, mm ² /s	ASTM D 445	10,3
Viscosity Index	ASTM D 2270	81
Flash Point, °C	ASTM D 92	270
Pour Point, °C	ASTM D 97	-42
Air Release at 75 °C	DIN ISO 9120	<1



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.

The correct use of this product, compliance with applicable laws and regulations is responsibility of the user. Mineral Energies Petrol A.Ş. can not be held responsible for any loss or damage arising from the abnormal use and misuse or any hazards of product content and its results.

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