

TECHNICAL DATA SHEET

MEEKCOMP OIL SYN P

PRODUCT DESCRIPTION

Synthetic EP air compressor oils based on PAO, for turbo, screw, vane and piston compressors; High-performance synthetic, PAO-based hydraulic fluids .

Compressed air has become a major form of energy and the reliable generation of compressed air is vital. Operators require compressors to function perfectly over and beyond entire service intervals. **MEEKCOMP OIL SYN P** series was developed to meet the increased requirements of compressor manufacturers on the service life of compressor oils. Due to the function of compressors, intensive swirling of the cooling oil and air occurs. At high compression temperatures, the oils are subjected to a strong oxidative attack that accelerates ageing. The selection of special synthetic base oils and additive systems makes long, interruption-free operation possible. To ensure optimum performance of the oil separator, the air release properties and low foaming are characteristic for screw and turbo compressor oils.

APPLICATIONS

MEEKCOMP OIL SYN P products are recommended for use in flooded or oil injection screw-type air compressors and turbo compressors (ISO VG 32, 46, 68) and for piston and rotary vane compressors (ISO VG 100, 150). **MEEKCOMP OIL SYN P** products should always be used if mineral oil-based products are found to display insufficient thermal stability (resistance to ageing) or poor viscosity-temperature behavior. Compared to mineral oil-based oils, **MEEKCOMP OIL SYN P** products foam less, offer better demulsification and have superior air release properties.

ADVANTAGES

- Excellent viscosity-temperature behavior (high natural viscosity index), shear-stable
- Excellent oxidation stability
- Low evaporation losses
- Excellent wear protection (EP/AW!)
- Excellent FE8 performance
- Good demulsifying properties
- Excellent corrosion protection
- Good compatibility with elastomers
- Low foaming / good air release
- Suitable for high-temperature applications
- Synthetic hydraulic fluids, excellent low temperature flowability



TYPICAL PROPERTIES

ISO VG		32	46	68	100	150
Density@15°C, g/ml	ASTM D 4052	0,838	0,841	0,845	0,848	0,852
Viscosity@-20°C, mm ² /s	ASTM D 445	1200	2000	3500	6000	10000
Viscosity@0°C, mm ² /s	ASTM D 445	260	400	660	1000	1650
Viscosity@40°C, mm ² /s	ASTM D 445	32	46	68	100	150
Viscosity@100°C, mm ² /s	ASTM D 445	6,1	7,9	10,6	14,4	19,6
Viscosity Index	ASTM D 2270	138	141	146	149	150
Flash Point, °C	ASTM D 92	240	260	260	2260	250
Pour Point,	ASTM D 97	-60	-60	-54	-54	-47

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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