

AVIN Marine Series

Compressor Oils



Technical Data Sheet

AEOLUS AS

DIN 51506 VDL

Description

AEOLUS AS series consists of premium grade air compressor oils. Formulated from high quality poly- α -olefin base oils and selected high - temperature antioxidants and rust inhibitors to give low carbon-forming tendencies, it is intended for use in reciprocating and centrifugal air compressors.

They fully meet the strictest requirements of DIN 51506 Category VD-L. They keep pipes, vanes and heat exchangers clean from hazardous carbon deposits, thus reducing maintenance cost.

Functional Characteristics

- Advanced fully synthetic formulation.
- Excellent thermal stability.
- Resistance to oxidation and deterioration at high temperatures
- Minimum deposits and residues
- Excellent performance under high pressures
- Long service life of the lubricant (up to 10000 hours)

Typical Use

AVIN AEOLUS AS advanced synthetic lubricants are suitable for all types of air compressors, rotary, screw (ISO 46) and vane operating with output pressures >20 bar and air discharge temperatures >100°C. The excellent selection of ingredients and specialised additives ensure long life protection of the compressor, thereby increasing drain intervals and reducing costs and maintenance time.

Typical Characteristics

AEOLUS AS

| ISO | 46 | 68 | 100 |
|------------------------------|-------|-------|-------|
| Specific gravity at 15°C/4°C | 0,845 | 0,860 | 0,872 |
| Viscosity at 40°C, cst | 46 | 68,0 | 100,0 |
| Viscosity at 100°C, cst | 7,85 | 11 | 14,3 |
| Viscosity Index | 141 | 153 | 147 |
| Flash Point (C.O.C.), °C | 218 | 245 | 260 |
| Pour Point, °C | -48 | -39 | -33 |