

AVIN Marine Series

Compressor Oils



Technical Data Sheet

AEOLUS

DIN 51506 VDL, VICKERS I-286-S, CINCINNATI P-68/P-69/P-70

Description

AEOLUS series consists of premium grade air compressor oils. Formulated from high quality 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 that operate in demanding and harsh environments.

They fully meet the strictest requirements of DIN 51506 Category VD-L, covering the operation at compression temperatures up to 220°C. They keep pipes, vanes and heat exchangers clean from hazardous carbon deposits, thus reducing maintenance cost.

Functional Characteristics

- High temperature oxidation stability.
- System protection in the presence of water.
- Rapid gas separation and foam suppression.
- Suitable for a wide range of gas compression operations.

Typical Use

Grades 32 to 68 can be used for rotary, oil-flooded screw air compressors and centrifugal air compressors requiring oils with oxidation stability and antirust ability. Grade 100 is suitable for the lubrication of all reciprocating compressors (>140°C).

The series can be used in circulation systems with plain and rolling bearings operating at high temperatures.

Typical Characteristics

AEOLUS

ISO	32	46	68	100
Specific gravity at 15°C/4°C	0,873	0,879	0,883	0,885
Viscosity at 40°C, cst	32	46	68	100,0
Viscosity at 100°C, cst	5,4	6,7	8,7	11,0
Viscosity Index	101	100	99	94
Flash Point (C.O.C.), °C	210	212	245	250
Pour Point, °C	-18	-18	-18	-18