

AEROL SYNTHETIC S

ISO VG 46

Product Description

Fully synthetic air compressor oil which is normally used in rotary vane or screw air compressors, formulated to provide outstanding lubrication and prolonged service life. They restrain many problem commonly encountered with mineral lubricants. AEROL SYNTHETIC S provides excellent oxidation stability, resistance to deposit and sludge formation, high wear reduction rates as well as good corrosion protection.

Benefits

- Superior load carrying and lubricant performance leading to minimize wear and extend machine life.
- Excellent low volatility gives low oil consumption.
- Outstanding oxidation and thermal stability resist to deposit and sludge formation from thermal degradation.
- Stable, non-corrosive, high flash point, high viscosity index liquid and high thermal conductivity.
- Seal compatibility, compatible with all sealing materials, NBR, FKM, Silicone and EPM.
- Low environmental impact and high biodegradability (> 60% by OECD 301B).

Applications

- Suitable for screw and rotary vane type compressor which require long life service.
- Can be used in any type of compressor at which OEMs require lubricant formulated with anti-oxidant, anti-wear, and rust prevention.

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Typical Characteristics

Tests	Methods	Units	Results
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Kinematic Viscosity at 40°C	ASTM D 445	mm ² /s	46.88
Viscosity Index	ASTM D 2270		170
Density at 15°C	ASTM D 4052	g/cm ³	0.99
Flash Point (COC)	ASTM D 92	°C	276
Pour Point	ASTM D 5950	°C	-57
Copper Strip Corrosion, 1h, 100°C	ASTM D 130		1b
Foaming	Seq. I	ASTM D 892	ml/ml
	Seq. II	ASTM D 892	ml/ml
	Seq. III	ASTM D 892	ml/ml
			Nil/0
			Nil/0
			Nil/0

Performance Standards

- DIN 51506 VDL

Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttor.com>

PTT LUBE SOLUTIONS Professional Lubricant Service Partner



The product can cause some skin irritation and has flash point higher than 93.4°C

Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.

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