

ATLANTIC SYNTHETIC COMPRESSOR OIL 68

Product Description:

Atlantic premium performance, synthetic compressor oil is based on Polyalphaolefin technology. It contains a premium rust and oxidation inhibitor system and anti-wear additive to give excellent oxidation resistance and corrosion protection. Atlantic Synthetic Compressor Oils are designed to meet the requirements of modern higher output, more efficient compressors, particularly flooded screw air compressors. In flooded screw compressors, as well as some other rotary air compressors, the lubricants are subjected to the high temperatures produced by compression whilst also being mixed with the air being compressed. The higher temperatures encountered in rotary air compressors and the mixture of the air with the lubricant within the compressor means that oxidation of the lubricant significantly reduces the useful life of mineral oil based compressor lubricants. Atlantic Synthetic Compressor Oils are specifically formulated to provide excellent oxidation resistance under the conditions encountered in flooded rotary air compressors, i.e. high temperatures and exposure to the compressed air. Atlantic Synthetic Compressor Oils are not compatible with polyalkylene glycol or silicone based compressor lubricants, nor are they recommended for the compression of hydrocarbon gases, breathing compressors or medical equipment. Atlantic Synthetic Compressor Oils are compatible with conventionally formulated mineral oil based and diester based lubricants, although excessive dilution with petroleum product will reduce the thermal and oxidation stability of the synthetic Polyalphaolefin lubricant.



Features and Benefits:

- Suitable for flooded screw, rotary and reciprocating compressors.
- Premium wear and oxidation protection
- Extended oil service life
- Superior sludge and particle control
- Outstanding air release properties
- Excellent oil seal compatibility
- Good water demulsibility

Typical Data:

Test Description	Method	Units	Results
ISO Viscosity Grade	-	-	68
Density @ 15°C	ASTM D 4052	kg/L	0.855
Viscosity, Kinematic @ 40°C	ASTM D 445	cSt	68
Viscosity, Kinematic @100°C	ASTM D 445	cSt	10.3
Viscosity Index	ASTM D 2270	-	138

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PRODUCT DATA SHEET

PACK SIZE	PRODUCT CODE
20 Litre	COMS6802
205 Litre	COMS6804



Specifications/ Performance Levels:

- **ISO Viscosity:** 68
- **DIN:** 51506 VDL

Atlantic Synthetic Compressor Oils have been used successfully in the lubrication of many types of air compressors, including Atlas Copco units.



All recommendations for the use of our products, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility, therefore. The Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.

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15 February 2021

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