



# ATLANTIC AIR COMPRESSOR OILS

Peak Pressure Performance

## PRODUCT DATA

### DESCRIPTION

**ATLANTIC SYN Air Compressor Oils** are fully synthetic, superior quality air compressor lubricants for extended oil drain intervals with discharge temperatures up to 200°C for stationary and mobile applications. Very effective in screw type compressors with oil injection cooling.

**ATLANTIC D-Series Air Compressor Oils** are premium quality synthetic diester air compressor lubricants. Specially designed for use in heavy duty reciprocating air compressors operating at continuously high temperatures up to 200°C for stationary equipment.

**ATLANTIC Premium Air Compressor Oils** are premium performance, ashless air compressor oils, based on narrow cut high quality mineral oils. Used in almost all compressors, reciprocating, rotary screw and rotary vane type machines with discharge temperatures up to 150°C in stationary and mobile installations.

### APPLICATIONS

**ATLANTIC AIR COMPRESSOR OILS** are designed primarily for rotary screw and vane air compressor, particularly effective for continuous high temperature operation with discharge temperatures up to 200° C. Suitable for units with a history of excess oil degradation, poor valve performance or deposit formation & are compatible with all metals used in compressor construction and with mineral-oil compatible elastomers used in seals, O-rings and gaskets, compressor systems with critical gears and bearings, units operating under severe conditions. Reciprocating air compressor crankcases and cylinders.

**ATLANTIC AIR COMPRESSOR OILS** are not recommended for air compressors used in breathing air applications.

### SYN SERIES

- Exceptional resistance to oxidative and thermal degradation
- Contribute to reduce fire risk as low oil volatility minimises carry-over
- Service life up to 8,000 hours
- Contribute to reduce maintenance costs, parts and labour
- Extended oil drain intervals
- Less potential for emulsion formation

### D-SERIES

- Reduced deposit formation in discharge lines
- Extended valve cleaning interval
- Improved safety
- Reduced risk of fire and explosions
- Extended oil-drain intervals
- Low carbon-forming tendency, especially on valves

### PREMIUM SERIES

- Excellent wear protection, offering extended equipment life
- Long-term protection against corrosion
- Reduced frequency of change of filter/ separators
- Highly effective rust and corrosion inhibition

### TYPICAL TECHNICAL PROPERTIES

ISO Viscosity Grade	SYN SERIES			D-SERIES		PREMIUM SERIES				
	32	46	68	100	150	32	46	68	100	150
Product code	12600IL	12601IL	12602IL	12603IL	12604IL	12606IL	12607IL	12608IL	12609IL	12610IL
Density at 15°C, g/ml, ASTM D4052	0.846	0.849	0.856	0.884	0.889	0.866	0.873	0.877	0.879	0.866
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s, ASTM D445	31.5	44	66.6	107.5	158	32	46	68	104.6	147.3
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s, ASTM D445	5.7	7.2	10.1	10.12	13.2	5.4	6.9	8.9	11.6	14.7
Viscosity Index, ASTM D2270	127	131	136	66	70	105	105	105	100	100
Flash Point(COC), °C, ASTM D92	245	246	246	270	270	236	238	251	264	269
Pour Point, °C, ASTM D97	-48	-45	-45	-36	-42	-27	-24	-21	-18	-18
Rust Characteristics, ASTM D665	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

**Note:** These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.



Packing : 1 | 4 | 5 | 20 | 25 | 208L

ATL/PDS/IL/009/0\*, 10.08.15, Page 1/1  
\* supersedes all previous versions

**Health and Safety:** This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.