

# PRODUCT DATA SHEET



## Athen Marine Comp Syn PAO Series

Advanced Synthetic Air Compressor Lubricant

### Product Description

**Athen Marine Comp Syn PAO series** are advanced, fully synthetic air compressor lubricants developed for use in rotary compressors of screw or vane design, reciprocating compressors, and centrifugal compressors. The synthetic polyalphaolefin (PAO) base fluids, in combination with advanced additive technology, provide effective lubrication of equipment working in extreme temperatures and severe operating conditions.

### Features & Benefits

- Outstanding thermo-oxidative stability and excellent anti-wear protection.
- Low varnish and carbon-forming tendencies.
- Wide operating temperature range.
- Offers excellent protection against rust and corrosion.
- Compatible with mineral lubricants and also with seals and paints normally used with mineral oils.
- Meets or exceeds the major OEM requirements.

### Applications

- Single or multiple-stage rotary screw or vane, centrifugal compressors, and reciprocating compressors of various OEMs, including Hydrovane, Atlas Copco, Compare, and Worthington.
- Turbochargers are fitted on low and medium-speed marine and power-generation diesel engines.
- Compressors are used in mobile and stationary applications

Athen Marine Synth Compressor Oil Series					
Typical Characteristics	SAE Grade	46	68	100	150
Meets/Exceeds Requirements	DIN 51506 VDL, ISO 6743/3, DAB/DAJ				
Test Parameters	ASTM Method				
Density @ 15°C, kg/l	D 1298	0.835	0.837	0.848	0.856
Viscosity @ 40°C, cSt	D 445	46	68	100	150
Viscosity Index	D 2270	140	140	140	140
Flash Point, °C	D 92	260	260	270	270
Pour Point, °C	D 97	-42	-42	-42	-42
Foam Sequence-1, ml/ml	D 892	Trace/Nil	Trace/Nil	Trace/Nil	Trace/Nil
Demulsification at 54°C, mins	D 1401	10	10	-	-
Demulsification at 82°C	D 1401	-	-	15	15

*"Data provided in this PDS is based on standard tests under laboratory conditions and is indicative only. Minor variations that do not affect product performance are expected in normal manufacturing. This product should not be used for any purpose other than those expressly set out in this PDS"*