

## Athen Marine Comp Oil Series

Advanced Reciprocating Air Compressor Oil

### Product Description

The **Athen Marine Comp Oil series** is a high-performance ashless air compressor oil specially designed to meet the stringent requirements of major compressor manufacturers. This range of compressor lubricants is based on highly refined mineral oils and carefully chosen additives. They are intended for the lubrication of both reciprocating and rotary air compressors.

### Features & Benefits

- ➔ Excellent water separation characteristics.
- ➔ Good thermal stability, low volatility, and low carbon formation reduce the risk of fire and explosion and lead to longer operating life (up to 2000 hours).
- ➔ Excellent coalescing properties mean little carryover of oil in the air stream

### Applications

- ➔ Recommended for the lubrication of rotors, bearings, and gears in rotary compressors, especially the oil-flooded screw type with delivery temperatures of up to 120°C.
- ➔ Selection of the required viscosity grade should be based upon the compressor manufacturer's recommendation; however, as a general guide, VG 32 and 46 are suitable for oil-flooded rotary compressors.
- ➔ whilst VG 68 and 100 would be selected for lubricating the crankcase and cylinders of reciprocating compressors. VG 150 is recommended for sliding vane compressors or reciprocating units operating at high ambient temperatures.

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Typical Characteristics	ISO VG	46	68	100	150
Meets/Exceeds Requirements	DIN 51506 VDL, ISO 6743/3, DAA (reciprocating air compressors), DAG (rotary air compressor)				
Test Parameters	ASTM Method	Typical Values			
Density @ 15°C, kg/l	D 1298	0.851	0.854	0.86	0.885
Viscosity @ 40°C, cSt	D 445	46	68	100	150
Viscosity Index	D 2270	102	102	102	97
Flash Point, °C	D 92	220	220	230	270
Pour Point, °C	D 97	-18	-18	-12	-9
Foam (after 10 mins of settling - all seq)	D 892	NIL	NIL	NIL	NIL

*"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"*