

# Alfasynth PAO

## 32/46/68

### Product Description

ALFASYNTH PAO series are fully synthetic (PAO) air compressor oils, specially formulated with additives which improve antioxidant, anti-corrosion and anti-wear properties. They are very stable at high temperatures.

ALFASYNTH PAO oils exhibit very low residue in the DIN 51352 Part 2 oxidation test, minimizing ring sticking and obstruction of delivery valveports. They do not form sludge or deposits and thus guarantee a long service life. They are compatible with most of the rubber types used in compressor seals.

### Performance Features

- Excellent anti-oxidant, anti-corrosion and anti-wear properties
- Excellent prevention from sludge and deposit formation which ensures long service life
- High thermal and chemical stability
- Compatibility with air-compressors rubber seals
- Strong load-carrying ability
- High Viscosity Index which ensures fine behavior in a wide temperature range
- Very low pour point which ensures outstanding operation at very low temperatures
- Excellent non-emulsifying properties

### Application

ALFASYNTH PAO oils are recommended for use in reciprocating, rotary screw and rotary vane type compressors which operate under exceptionally heavy conditions. ALFASYNTH PAO series meets or exceeds the following specification: **ISO-L-DAB**, **ISO-L-DAH**, **ATLAS COPCO** for GA, GR, XR and XHR type compressors.

### Typical Properties:

ISO grade	32	46	68	Method
Specific gravity at 20°C, Kg/l	0.872	0.875	0.880	ASTM D-1298
Viscosity, Kinematic at 40°C, cSt	32	46	68	ASTM D-445
Viscosity Index	135	135	135	ASTM D-2270
Pour Point, °C	-52	-52	-50	ASTM D-97
Flash Point COC, °C	240	248	260	ASTM D-92

**Note:**

The above information is indicative based on current production and does not constitute a specification. Results can be affected by allowable production tolerances, not affecting performance.