

# Alfasynt DE

## 68/100/150

### Product Description

ALFASYNTH DE series are fully synthetic, Diester based, compressor lubricants, specially designed to provide protection at high temperature applications with minimal deposit formation. They offer increased solvency to keep compressor parts clean for long periods of operation. They are compatible with mineral oils but mixing is not recommended as it will reduce performance of the synthetic oil.

### Performance Features

- Excellent anti-oxidant, anti-corrosion and anti-wear properties
- Excellent prevention from lacquering and deposit formation which ensures long service life
- Reduced Maintenance costs
- Greatly reduced fire and explosion hazard
- Very low pour point which ensures outstanding operation at very low temperatures
- Readily separate water and condensate

### Application

ALFASYNTH DE series is recommended for use in reciprocating compressors and vacuum pumps for most industrial gases such as air, propane, synthesis gas, nitrogen, hydrogen and many more. Also for applications requiring an oxidation resistant lubricant. ALFASYNTH DE series may not be compatible with some seals, paints and plastics. A list of compatible materials is shown below. Suitable materials: Viton, High nitrile Buna N, Teflon, Epoxy paints, Nylon, Celcon, Delrin, PBT.

### Typical Properties:

ISO grade	68	100	150	Method
Specific gravity at 20°C, Kg/l	0.960	0.960	0.963	ASTM D-1298
Viscosity, Kinematic at 40°C, cSt	68	100	150	ASTM D-445
Viscosity Index	106	107	105	ASTM D-2270
Pour Point, °C	-41	-38	-36	ASTM D-97
Flash Point COC, °C	236	248	248	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.