

Description

elin HeavyTec Compressor SYNTHETIC oils are advanced air compressor lubricants using specialized additive technology, capable of giving outstanding performance in oil-flooded air compressors of screw or vane design. Based on **PAO (polyalpha olefins)** based fluids, providing long oil life and effective lubrication in severe applications.

Main Performance Features

1. Excellent thermal stability
2. Excellent water shedding properties
3. Outstanding resistance to oxidation
4. Very good rusting and wear protection
5. Excellent low volatility characteristics
6. Extended oil drain intervals
7. Seal compatibility (compatible with all sealing materials commonly used in compressors).
8. Miscibility (fully miscible with mineral oils, although dilution with mineral lubricants will markedly reduce its performance)

Typical uses

elin HeavyTec Compressor SYNTHETIC oils are recommended whenever the discharge temperature exceeds 90°C and/ or the discharge pressure exceeds 10 bars recommended for stationary and portable compressors.

Requirements - Specifications

elin HeavyTec Compressor SYNTHETIC oils meet the below requirements – specifications:

- **DIN 51506 VDL**
- **ISO 6743/3 DAJ**

(*) Typical Characteristics

ISO GRADES	32	46	68	100
Density at 15°C, Kg/l	0,850	0,855	0,860	0,865
Kin. Viscosity at 40°C, cSt	32	46	68	100
Kin. Viscosity at 100 °C, cSt	6,0	7,7	10,2	13,8
Viscosity Index	136	135	135	138
Flash point (C.O.C.), °C	230	235	258	260
Pour Point, °C	-45	-45	-45	-42

(*) (The above figures are typical of those obtained within normal production tolerances, and do not constitute a specification)

