



Airtop HT 46

Synthetic Oil for rotary and reciprocating Compressors.

Description

Airtop HT compressor fluids are formulated with hydrocracked and synthetic base stocks and special synergistic high performance additives specifically for compressor applications.

Applications

Airtop HT are used as lubricants/coolants in rotary screw air compressors. Due to their performance characteristics these lubricants are suitable for all compressor designs, such as lobe, rotary vane, reciprocating etc. compressors. Also used for mechanical vacuum pumps.

Benefits

- Excellent oxidation stability and long life at very high temperatures
- Very high VI index or better compressor protection at elevated temperatures

- Very high flash & auto-ignition points for added safety
- Low volatility and carry over into filters and storage tanks
- Excellent film strength and anti-wear properties
- Very good coolant properties to help dissipate compressor heat
Very long life fluid allows for extended oil drains
- Excellent carbon and varnish control to help reduce valve deposits
- Excellent rust & corrosion control

Performance level

Meets the specification of
DIN 51506 VDL
ISO 6743-3A DAJ.

Typical performance data

Property	Test Method	HT 46
ISO Viscosity Grade	ASTM D-2422	46
Viscosity index, min	ASTM D-2270	>.130
Viscosity @ 40 °C, mm ² /s	ASTM D-445	46
Viscosity @ 100 °C, mm ² /s	ASTM D-445	7
Flash point, °C, min	ASTM D-92	240
Pour point, °C	ASTM D-97	-40
Copper strip corrosion, 24 hrs @ 100 °C	ASTM D-130	1a
Demulsibility @ 54 °C, 30 min.	ASTM D-140	40/40/0
Density @ 15 °C, kg/m ³	D-1298	850

All performance data on this Technical Data Sheet are indicative only and can vary during production

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