



Vacumax HT 100

Synthetic vacuum pump fluid

Description

Vacumax HT synthetic vacuum pump fluids are formulated with group III synthetic base stocks and special synergistic additives specifically for industrial plant air compressors and vacuum pump fluids.

Properties

- Good oxidation stability and long life at very high temperatures
- High viscosity index or better compressor protection at elevated temperatures
- High flash & auto-ignition points for added safety

- Low volatility and carry over into filters and storage tanks
- High film strength and anti wear properties
- Good coolant properties to help dissipate compressor and vacuum pump heat
- Long life fluid allows for extended oil drains
- Good carbon and varnish control to help reduce valve deposits
- Excellent rust & corrosion control

Performance level

DIN 51506 VBL, VCL, VDL. DP 6521 (DAA, DAB, DAH, DAG).

Typical performance data

Vacumax HT 100 Synthetic vacuum pump fluid

Property	Test Method	100
ISO Viscosity Grade	ASTM D-2422	100
Viscosity index	ASTM D-2270	106
Viscosity @ 20 °C, mm ² /s	ASTM D-445	315
Viscosity @ 40 °C, mm ² /s	ASTM D-445	97
Viscosity @ 50 °C, mm ² /s	ASTM D-445	60
Viscosity @ 100 °C, mm ² /s	ASTM D-445	11.5
Flash point, °C	ASTM D-92	260
Auto ignition point, °C	ASTM D-659	411
Pour point, °C	ASTM D-97	-20
Copper strip corrosion, 24 hrs @ 100 °C	ASTM D-130	1a
Vapor pressure @ 25 °C, torr	ASTM D-972	1x10 ⁻⁷
Demulsibility @ 54 °C, ml oil/water/emulsion (minutes)	ASTM D-1401	40/40/0 (15)

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

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