



Vacumax HT 220

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

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Property	Test Method	220
ISO Viscosity Grade	ASTM D-2422	220
Viscosity index	ASTM D-2270	107
Viscosity @ 20 °C, mm ² /s	ASTM D-445	719
Viscosity @ 40 °C, mm ² /s	ASTM D-445	210
Viscosity @ 50 °C, mm ² /s	ASTM D-445	126
Viscosity @ 100 °C, mm ² /s	ASTM D-445	21
Flash point, °C	ASTM D-92	268
Autoignition point, °C	ASTM D-659	421
Pour point, °C	ASTM D-97	-14
Copper strip corrosion, 24 hrs @ 100 °C	ASTM D-130	1a
Vapor pressure @ 25 °C, torr	ASTM D-972	2x10 ⁻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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