

Vacuum pump oil

DATASHEET

Synthetic oil for vacuum pump and compressors

Product description

Vacuum pump oil ideally suited for HOAF HeatBox®, HOAF TwinBox® and HOAF SmartBox® exceeds current standards and manufacturers requirements for air compressors and gear lubricants.

Performance features

- Extended drain periods up to eight times as mineral oils.
- Compatible with normally used elastomers and plastic materials.
- Energy saving and reduced oil consumption.
- Reduced fire and explosion risks.
- Less maintenance.
- Outstanding low temperature start ability.
- Formulation:
 - Multi-purpose oil.
 - Polyalphaolefins.
 - Anti-wear/extreme pressure additive.
 - Rust inhibitor.
 - Antioxidant.
 - Anti-foam agent.



Vacuum pump oil

Interlayer

Interlayer decorative

Interlayer active

Vacuum bag

Laminating supplies

Laminating tools

Spares

The technical data contained herein are guides to the use of Qdel laminating supplies products. The advice contained herein is based upon tests conducted by manufactures and historical knowledge; users should not rely upon this information absolutely as material performance can vary with processing conditions. Internal testing is always recommended.

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Application

Air compressors, vacuum pumps and gears

- ISO/DP 6743-3, categories DAA-DAB-DAG-DAH-DAJ and DVA
- DIN 51506, category VDL
- DIN 51517, category CLP

Product specifications

	Method	Units	Inspection data
ISO Viscosity grade	-	-	100
Absolute density, 15 °C	D 4052	kg/m ³	840
Kinematic viscosity, 40 °C	D 445	mm ² /s	100
Kinematic viscosity, 100 °C	D 445	mm ² /s	14.08
Viscosity index	D 2270	-	144
Flash point	D 92	°C	260
Pour point	D 97	°C	-48
Ash	D 482	% mass	0.01
Sulfated ash	D 874	% mass	0.04
Colour	D 1500	-	L1.0
Rust test, proc. A and B, 24 h	D 665	-	pass
Total acid number	D 974	mg KOH/g	0.72
Emulsion, distilled water, 82.2 °C		-	40-40-0(10)
Foam, 5 min blowing, seq. 1/2/3	D 892	ml	5/10/5
10 min settling, seq. 1/2/3		ml	0/0/0
Air release, 50 °C	DIN 51381	min	5
Pneurop oxidation test value,	DIN 51352		
Part 2, 200 °C, Fe2O3, 4 x 6 h		-	0.4
FZG test, A/8.3/90	DIN 51354	load stage	pass 12

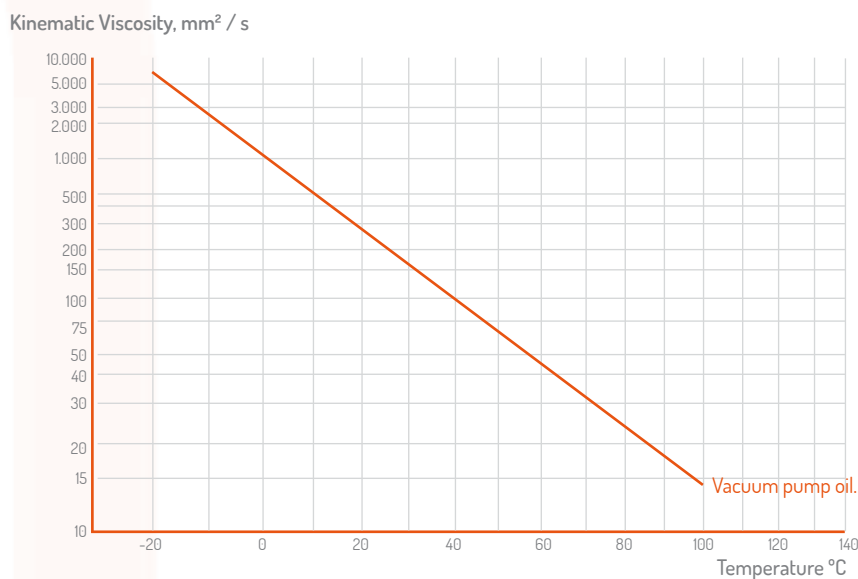
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Product specifications



Storage & Handling

- No special storage conditions required.

Caution

- The used figure is not a specification. It is a representative figure, obtained within production tolerance.
- Handle this product according to your company's guidelines, health and safety regulations.
- DO NOT change oil when the pump is still hot.
- Use personal protective equipment when you change oil.

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