COMPRESSOR OILS

ADDINOL COMPRESSOR OIL VL 150, VL 320

PRODUCT DESCRIPTION

ADDINOL compressor oils VL 150 and VL 320 are high-quality mineral oil raffinates with an ash-containing additive combination which ensures anti-oxidation, anti-corrosion and anti-wear properties as well as detergent-dispersant performance.

SPECIFICATIONS

Meet and surpass the requirements of the following specifications:

- **DIN 51506**
- **Lubricating oils level VBL**
- **Lubricating oils level VCL (VL 150)**

APPLICATION

ADDINOL Compressor oil VL 150

- Preferred for the application in piston compressors being operated with low or medium pressure

ADDINOL Compressor oil VL 320

- Preferred for high-pressure piston and cell compressors
- Particularly suitable at high compression temperatures and/or increased oil load

Due to their EP-additives compressor oils VL are particularly suitable for applications with higher requirements on wear protection.

DELIVERY

Delivery preferable in drums and 20L cans.

CHARACTERISTICS	ADVANTAGES AND BENEFITS
• Improved oxidation and corrosion protection	• **Extended service life**
• Very good wear protection	• **Reduced operating costs by extended machine lifetime**
• Stands high thermal loads	• **Low tendency to form residues (oil coke)**
• High viscosity index	• **Good viscosity-temperature behaviour**
	• **Very good cold flow properties**
• Outstanding detergent-dispersant performance	• **Reduction of residue formation and deposits**

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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		VL 150	VL 320	Method acc. to
ISO viscosity grade			150	320	DIN 51519
Lubricant group			VBL, VCL	VBL*	DIN 51506
Density	at 15°C	kg/m³	880	902	DIN 51757
Viscosity	at 40°C	mm²/s	152	321	ASTM D 7042
	at 100°C	mm²/s	15.1	23.5	
Viscosity index			100	92	DIN ISO 2909
Flash point	COC	°C	min. 278	min. 294	DIN EN ISO 2592
Pour point		°C	max. -30	max. -12	ASTM D 7346
Content of water		%		< 0.05	DIN ISO 3733
Ageing behaviour	Increase coke residue	%	< 1.5	< 2.0	DIN 51352-1
FZG-test A/8.3/90		load stage	12		DIN ISO 14635-1

* DIN 51506 does not specify the VCL-level for this viscosity grade

ADDINOL - The Experts for High-Performance Lubricants

We at ADDINOL develop and produce more than 600 high-performance lubricants of the new generation. Among these are automotive lubricants for highest demands and pioneering developments for industrial applications. Our customers all over the world benefit from the high and stable quality of our ADDINOL high-performance lubricants, our know-how and the individual customer advisory service of our competent experts. Our company has world wide activities. ADDINOL high-performance lubricants are distributed by more than 90 international partners.

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