



COMPRESSOR OILS

ADDINOL COMPRESSOR OIL V 100, V 150, V 220

PRODUCT DESCRIPTION

ADDINOL compressor oils V are high-quality paraffin based mineral oil raffinates with outstanding lubricating properties.

APPLICATION

ADDINOL compressor oils V 100 and V 150 is preferably used for the application in piston compressors being operated with low or medium pressure.

ADDINOL compressor oil V 220 is preferably to be applied in medium-pressure piston and cell compressors.

SPECIFICATIONS/APPROVALS

Meet and surpass the requirements of the following specifications:

- Requirements on lube oils VB acc. to DIN 51506
- Requirements on lube oils VC (V 150) acc. to DIN 51506
- DIN 51517-1 (lube oils C)

Viscosity grade corresponds to:

- ISO classification 3448
- DIN 51519

DELIVERY

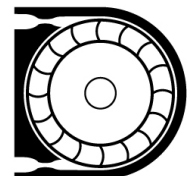
Delivery preferable in drums and 20 l cans.

CHARACTERISTICS

- High natural viscosity index
- Good oxidation and corrosion protection
- High temperature load capacity
- Outstanding air and water separating ability

ADVANTAGES AND BENEFITS

- Good viscosity-temperature behaviour
- Very good cold flow properties
- Extended operating times possible
- Low tendency to form residues and deposits (oil carbon)
- Protection against infiltrated water, no emulsification





ADDINOL COMPRESSOR OIL V 100, V 150, V 220

SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		V 100	V 150	V 220	Methos acc. to
Appearance	clear, free of contaminations					visual
ISO viscosity grade			100	150	220	DIN 51519
Lubricant oil group			VB	VB, VC	VB	DIN 51506
Density	at 15°C	kg/m ³	880	885	890	DIN 51757
Viscosity	at 40°C	mm ² /s	100	151	223	ASTM D 7042
	at 100°C	mm ² /s	11	15	19	
Flash point	COC	°C min.	276	290	294	DIN EN ISO 2592
Pour point		°C max.	-20	-18	-10	ASTM D 7346
Neutralisation number		mg KOH/g	< 0.03			DIN 51558-1
Content of water		%	< 0.1			DIN ISO 3733
Ageing behaviour conduction of air	Increase carbon residue	%	< 1.0	< 2.0	< 2.0	DIN 51352-1
Distillation residue after destilling off of 80 vol%	carbon residue (C test)	%	< 0.30	< 0.75	--	DIN 51352-1

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.

The data given in this product sheet represent our current level of knowledge and experience. Due to the various specific application they do, however, not discharge the user from his own examination. The information provided herein may not be used to derive a legally binding warranty of specific properties or the suitability for a certain purpose of application. Detailed security-concerning and toxicological data as well as security instructions for each product can be taken from the corresponding Material Safety Data Sheets (MSDS). High-performance lubricants from ADDINOL are under continuous development. Therefore, ADDINOL Lube Oil GmbH keeps the right to change technical data in this product data sheet without notification. In case of doubt, please do not hesitate to contact our customers' advisory service.