



VACUUM PUMP OIL

ADDINOL VACUUM PUMP OIL XVR 110

PRODUCT DESCRIPTION

ADDINOL Vacuum pump Oil XVR 110 is a highly oxidation-stable, paraffin based, close-fractionated mineral oil raffinate without additives. The product is characterised by a low vapour pressure, good lubrication ability and a long lifetime.

APPLICATION

- Excellent suitability for rotary vacuum pumps of various types
- Particularly applicable for vacuum compressors being employed to generate ultimate pressures in the fine and rough vacuum range
- Generally usable for rotary and vane piston pumps with simultaneous sealing, heat conduction and wear reduction of the pump system
- In roots vacuum pumps which are operated with a dry pump chamber ADDINOL Vacuum pump Oil XVR 110 can be applied for the lubrication of the gear
- Usable for the pumping of air, inert gases and further non-aggressive gases

SPECIFICATIONS

Meets the requirements of the following specifications:

- ISO 6743-3: DVC

DELIVERY

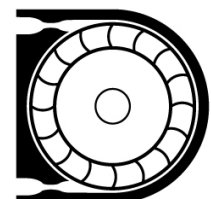
Delivery preferable in large and small drums and in 20 l cans.

CHARACTERISTICS

- Low vapour pressure
- Good lubrication ability
- High oxidation stability

ADVANTAGES AND BENEFITS

- High pump performance and very low final vacuums can be achieved
- All-purpose application
- Extended oil change intervals
- Low tendency to form residues





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		XVR 110	Method acc. to
Density	at 15°C	kg/m ³	880	DIN 51757
Viscosity	at 40°C	mm ² /s	95	ASTM D 7042
	at 100°C	mm ² /s	10.7	
Flash point	COC	°C	min. 265	DIN EN ISO 2592
Pour point		°C	max. -12	ASTM D 7042
Neutralisation number		mg KOH / kg	0.01	DIN 51558-1
Water content		wt-%	< 0,1	DIN ISO 3733
Oxidized ash		wt-%	< 0.01	DIN EN ISO 6245
Attainable total ultimate pressure 2-stage rotary vane pump		mbar	3.6 * 10 ⁻³	
Saturation vapour pressure	at 20°C	mbar	3.0 * 10 ⁻⁶	

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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 70 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.