



SPECIAL GREASES

ADDINOL HIGHTEMP XFT 2 PLUS

PRODUCT DESCRIPTION

ADDINOL Hightemp XFT 2 PLUS is a thermally stable polyurea grease based on a synthetic oil mixture.

Temperature range from -30°C up to +180°C.

APPLICATION

- Excellent suitability for lubrication of sliding and roller bearings under extreme conditions, e.g. high temperatures, high loads and low speed
- Particularly applicable for temperature loaded bearing points in heating and drying kilns, rotary tube kilns, hot air and exhaust ventilators, conveyor and varnishing lines as well as in backing ovens and fan bearings
- Fit for the lubrication of cooling bed devices, gate valves in bulk material plants, ejector pins in plastic injection moulds and for similar applications

SPECIFICATIONS

According to DIN 51502:

- KPHC1-2R-30

In compliance with NLGI class 1-2.

DELIVERY

Delivery in 25 kg hobbocks, 10 kg buckets, 1 kg cans and 380 g cartridges.

CHARACTERISTICS

- Effective EP additivation
- Outstanding corrosion protection properties, especially at high temperatures and loads as well as extreme environmental impacts
- Extended lubrication intervals
- Outstanding low and high temperature behaviour
- Good shear stability
- Excellent oxidation resistance

ADVANTAGES AND BENEFITS

- High load carrying capacity
- Reduces friction and wear
- Reliable protection of bearings towards rust and corrosion
- Economical consumption
- Ensures long re-lubrication interval
- Extended range of temperature
- Longer lifetime under mechanical shear stress
- Long-term application





ADDINOL HIGHTEMP XFT 2 PLUS

SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		Hightemp XFT 2 PLUS	Method acc. to
Colour			beige	visual
Thickener			polyurea	
According to DIN			KPHC1-2R-30	DIN 51502
NLGI class			1-2	DIN 51818
Worked penetration	60 double strokes	0.1 mm	280-320	DIN ISO 2137
Temperature range			°C	-30 up to +180
Drop point			°C	> 250
Flow pressure	-30°C	hPa	< 1400	DIN 51805
Speed factor - Deep groove ball bearings	n · d _m	mm/min	300,000	
Speed factor - Tapered roller bearings	n · d _m	mm/min	100,000	
Behavior in the present of water	90°C	level	0	DIN 51807-1
Copper corrosion	100°C	corr.level	1	DIN 51811
Steel corrosion (EMCOR)		corr.level	0/0	DIN 51802
VKA wear	1min/1000 N	mm	< 0.5	DIN 51350-5
VKA welding load		N	2,600	DIN 51350-4
SRV run (friction coefficient)	300 N/ 80°C/ ball-area/ 2 h		0.08	DIN 51834

Base oil

Type			PAO + Ester	
Viscosity	40°C	mm ² /s	460	ASTM D 7042
	100°C	mm ² /s	53	

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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 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.