



SPECIAL GREASES

ADDINOL MULTIPLEX XMK 2

PRODUCT DESCRIPTION

ADDINOL Multiplex XMK 2 is a light, synthetic special grease based on polyalphaolefins and a lithium/calcium thickener with a wide temperature range.

Temperature range from -50°C up to +140°C.

APPLICATION

- Mainly used for the lubrication of construction elements of the material combinations metal/plastics and plastics/plastics
- Particularly suitable for the lubrication of cables in protecting tubes, in guides, on rails etc., e.g. in robots and industrial handling
- Successfully proven in the lubrication of automotive components, such as door lock cylinders, central locking, window lifters, wiper engines, sun roofs, seat adjustments, bowden cables as well as for small transmissions and adjustable mechanisms
- Preferable for the lubrication of high-speed bearings

CHARACTERISTICS

- Excellent consistency-temperature behaviour
- Outstanding oxidation stability
- Remarkable corrosion-protective properties
- Compatible with ferrous and non-ferrous metals
- Compatible with elastomers and plastics
- Extended temperature range

SPECIFICATIONS

Meets the requirements acc. to:

- VW-TL 778 A

According to DIN 51502:

- KHC2N-50

According to ISO 6743:

- ISO-L-X EDEA2

In compliance with NLGI class 2.

DELIVERY

Delivery preferable in 180 kg, 25kg and 1 kg cans.

ADVANTAGES AND BENEFITS

- Does not form solid deposits
- Long-term application
- Outstanding protection of machine parts
- Usable in multi-metal systems
- Applicable in plastic systems as well as in metal/plastic systems
- Extended applications at low temperatures





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		Multiplex XMK 2	Method acc. to
Colour			yellowish	visual
Structure			pasty	
Thickener			lithium/calcium soap	
NLGI class			2	DIN 51818
According to DIN			KHC2N-50	DIN 51502
According to ISO			ISO-L-X EDEA2	ISO 6743
Temperature range		°C	-50 up to +140	
Worked penetration	0.1 mm		265-295	DIN ISO 2137
Drop point		°C	> 180	DIN ISO 2176
Degree of corrosion acc. to Emcor	24h/100°C		0 and 0	DIN 51811
Flow pressure acc. to Kesternich	at 20°C	mbar	110	DIN 51805
	at -35°C	mbar	≤ 450	
Speed factor	n · d _m	min ⁻¹ ·mm	900,000	
Water resistance	at 90°C		1-90	DIN 51807

Base oil

Type			synthetic oil (PAO)	
Viscosity	at 40°C	mm ² /s	32	DIN 51562-1
	at 100°C	mm ² /s	6	

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 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.