



LUBRICATING GREASES

ADDINOL WEAR PROTECT RS 2, RS 2 MO

PRODUCT DESCRIPTION

ADDINOL Wear Protect RS 2 is a temperature-resistant multipurpose grease based on a calcium sulfonate complex thickener, mineral oil and an effective additive package against wear and corrosion. ADDINOL Wear Protect RS 2 MO contains 5% of MoS₂ additionally. Both products have a very high load carrying capacity and excellent water resistance.

Service temperature: -30°C up to +180°C.

APPLICATION

- Excellent suited for lubrication of heavy loaded plain and roller bearings, even under awkward environmental conditions such as high humidity, seawater contact, shock loads, dirt, etc.
- Very suitable for use in all industrial and marine applications such as for lubrication of continuous casting lines, heavy construction machines, in the wet and dry area of paper machines.

CHARACTERISTICS

- Outstanding corrosion protection
- Excellent load carrying capacity
- Very good wear protection
- Excellent shear stability
- Outstanding stability against water, alkalines and acids
- Very good adhesive properties

SPECIFICATIONS

Tagging according to DIN 51502:

- KP1-2R-30 (Wear Protect RS 2)
- KPF1-2R-30 (Wear Protect RS 2 MO)

In compliance with NLGI grade 1-2.

DELIVERY

Delivery of Wear Protect RS 2 preferably in 25kg hobbocks, 1kg cans and 400g cartridges.

Delivery of Wear Protect RS 2 MO preferably in 5kg buckets and 400g cartridges.

ADVANTAGES AND BENEFITS

- Long lifetime of all machine components
- Reliable lubrication of high loaded bearings
- Long lifetime of friction pairings
- Stable structure and suppleness
- Suitability for lubrication points with direct contact to aggressive fluids
- No dripping caused by rotation and vibrations





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SPEZIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		Wear Protect RS 2	Wear Protect RS 2 MO	Method acc. to
Colour			brown	black	visual
Thickener			Ca-sulphonate complex	Ca-sulphonate complex	
Solid lubricants			-	5% MoS ₂	
DIN tagging			KP1-2R-30	KPF1-2R-30	DIN 51502
NLGI grade			1-2	1-2	ISO 13737
Worked penetration	60 DS	0,1 mm	280 - 310	280 - 310	ISO 13737
Service temperature		°C	-30 up to +180		
Drop point		°C	> 300	> 300	DIN ISO 2176
Steel corrosion (EMCOR)		corr. level	0-0	0-0	DIN 51802
VKA welding load		N	5000	5000	DIN 51350-4

Base oil

Type			Mineral oil	
Viscosity	40°C	mm ² /s	220	ASTM D-445

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.