



## LUBRICATING GREASES

# ADDINOL ANTI-CORROSION GREASE SW 2

### PRODUCT DESCRIPTION

ADDINOL Anti-corrosion grease SW 2 is a multi-purpose lubricating grease based on mineral oil and special calcium soap as thickener.

Temperature range from -25 °C up to +80 °C.

### APPLICATION

- Excellent suitability for the lubrication of winches, screws, sliding and roller bearings, cylinder liners, threaded spindles as well as for open gears, e.g. anchor winches or manual drives of sluice gates
- Particularly applicable for worms in underwater devices, board cranes, offshore-units, yachts, components delivered by shipyard suppliers
- Highly suitable for finishing machines in textile and paper industry
- Fit for roller and sliding bearings in water pumps, water-moderated turbines, sluice gates, escalators, curved-tooth clutches, car wash

### ANTI-CORROSION EFFECT

- Indoor-storage: up to 2 years
- Outdoor-storage: up to 1 year

### CHARACTERISTICS

- Excellent water resistance, even in case of the impact of salty water
- Good alkali and oxygen resistance
- Low oil separation
- Best anti-corrosion properties
- Outstanding protection against corrosion and wear, even in case of the impact of sea water

### SPECIFICATIONS/APPROVALS

Meets the requirements of the military specifications:

- STM 7420/B

According to DIN 51502:

- KP1-2E-25

According to ISO 6743:

- ISO-L-X BAIB1.5

In compliance with NLGI class 1-2.

### DELIVERY

Delivery preferable in 25 kg and 400 g cans.

### ADVANTAGES AND BENEFITS

- Direct contact with water possible
- Versatile application
- Outstanding sealing features against cold and hot water
- Long lifetime of machine parts
- Long lifetime and protection of friction pairings (e.g. wire)





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## SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		Anti-Corrosion Grease SW 2	Method acc. to
Colour			brownish	visual
Structure			pasty	
Thickener			Calcium soap	
NLGI class			1-2	DIN 51818
According to DIN			KP1-2E-25	DIN 51502
According to ISO			ISO-L-X BAIB1.5	ISO 6743
Temperature range		°C	-25 up to +80	
Drop point		°C	≥ 100	DIN ISO 2176
Worked penetration	0.1 mm		285-315	DIN ISO 2137
Penetration loss after 100.000 DT	0.1 mm		max. 30	DIN ISO 2137
Degree of corrosion acc. to Emcor	3% NaCl		0 and 1	DIN 51802
VKA OK load		N	> 3,000	DIN 51350-4
Speed factor	n·d <sub>m</sub>	min <sup>-1</sup> ·mm	500,000	
Oil separation	18h at 40°C	%	< 1	DIN 51817
Timken test (mixed friction)		lbs	40	SEB 181302

### Base oil

Type			mineral oil	
Viscosity	at 40°C	mm <sup>2</sup> /s	100	DIN 51562
	at 100°C	mm <sup>2</sup> /s	9	
Pour point		°C	-20	DIN ISO 3016
Flash point		°C	220	DIN ISO 2592

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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.