



SPECIAL PRODUCTS

ADDINOL ANTI-SEIZE PASTE GAL

PRODUCT DESCRIPTION

ADDINOL Anti-Seize Paste GAL is a universally applicable high-temperature paste based on semi-synthetic oils, lithium soap for thickening and non-ferrous metals to ensure very good release and slip properties.

Service temperature: -20°C up to +1200°C.

APPLICATION

- Preferably applied as screw, fitting, release paste as well as sealing protection and corrosion inhibitor.
- Excellent results in applications in general machine construction, steelworks, rolling mills, in chemical industry, paper mills, power stations, in energy plant technology as well as in mining industry, in drill pipes meant for geological boring operations and in mining equipment.
- Due to its high content of solid components, the paste is not suitable for lubrication of roller bearings.

CHARACTERISTICS

- High content of non-ferrous metals
- Excellent anti-corrosion features
- Anti-stick-slip effects
- Resistant to lyes and diluted acids
- Lead-free, does not contain toxic heavy metals

SPECIFICATIONS

Tagging according to DIN 51502:

- **MLPF1U-20**

In compliance with NLGI grade 1.

DELIVERY

Delivery preferably in 1kg cans and 10kg hobbocks. Also available in 400ml aerosol cans (12 pieces/ carton).

ADVANTAGES AND BENEFITS

- Avoids seizing, fretting and rusting of screws, bolts, springs, metal flat seals and other machine parts during assembly and disassembly, also applicable under extreme load conditions and highest temperatures
- Avoids tribocorrosion at positive and non-positive connections exposed to vibratory stresses
- No stick-slip effects at low sliding speed and extreme loads
- Protects metal parts from corrosion even at aggressive media
- No health hazard





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test conditions / unit		ANTI-SEIZE PASTE GAL	Method acc. to
Colour			Silver-grey	visual
Thickener			Lithium soap	
Solid lubricant			Aluminium	
DIN tagging			MLPF1U-20	DIN 51502
NLGI grade			1	DIN 51818
Worked penetration	60 DS	0.1 mm	310 - 340	DIN ISO 2137
Service temperature			-20 up to +1200	
Drop point			> 170	DIN ISO 2176
Content of solid lubricants			ca. 32	
Particle size of solids			< 40	Laser diffraction
VKA welding load			3800	DIN 51350-4
SRV test Friction coefficient	5 Hz, 2mm, 20 N, 30°C	-	0.075	

Base oil

Type			Semi-synthetic oil	
Viscosity	40°C	mm ² /s	220	DIN 51562-1

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.

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