

Blasolube 590

Art. 590

Description: Blasolube 590 is an extremely water-resistant high performance grease on a calcium/lithium base, of semi-liquid consistency.

Application: Blasolube 590 is suitable for the lubrication of highly loaded roller and friction bearings under difficult operating conditions such as exposure to weather, wetness, dust and high pressure load. It is eminently suitable for the use on excavators, concrete pumps, lifting devices, etc. gravel plants, sewage treatment plants and wherever a high influence of water can be expected. Due to its good eligibility conditions of -30°C the grease is extremely well-suited for the use in grease central lubrication systems and lubricant dispensers.

Product characteristics

- High resistance to water
- Particular high pressure additives
- High work stability
- Optimum wear protection
- Good adherence and good resistance
- High corrosion protection

Advantages

- ➔ The lubricity and the sealing properties will remain also under the influence of water
- ➔ The lubrication characteristic is guaranteed also under high pressure
- ➔ The grease consistency will remain also under strong mechanical stress
- ➔ Guarantees a long service life and protection of machine parts
- ➔ Long operating life of the lubricant
- ➔ Machine parts are protected and remain operable for a long time

Attention! The maximal permissible steady-state temperature is **+100°C**

Physical / chemical data:

	Unit	Parameter	Test method
Application temperature range:	-	-30°C to +100°C	
Grease type:	-	Calcium-/Lithium grease	
Colour, appearance:	-	yellow-green fluorescent	
Alloy type:	-	GPOG-30	DIN 51502
Penetration class:	-	NLGI 0	DIN 51818
Normal penetration Pw 60 (60 hub at +25°C):	1/10 mm	355-385	ISO 2137
Density at +20°C:	g/cm ³	0.918	DIN 51757
Pour point:	°C	140	ISO 2176
Oil viscosity at 40°C:	mm ² /s	75	DIN 51562-1
Oil separation (after 7 days at 40°C):	weight-%	3	DIN 51817
Shell-Roller Test (mechanical stability):	1/10 mm	390	ASTM D 1831/ISO 2137
EMCOR corrosion protection test:	-	0 / 0	DIN 51802
Speed characteristic (dm x n)	m/min	up to 450	
Flow pressure at -30°C:	mbar	300	DIN 51805

Resistance: See overleaf

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Resistance:	Resistant against media:	– cold water – warm water – alcalin solutions – acid solutions
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Safety and environmental aspects:	ADR/RID:	Not classified as hazardous by transport regulations.
	Precautions:	Do not allow product to get into ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.
	Water hazard class:	Slightly water endangering (WGK 1)
	EC waste code:	12 01 12
	CH waste code:	Identical to EC waste code (as per VeVA of 01.01.06)



Conditionnements: Drum: 180/50 kg • Canister: 14 kg

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