

# Blasolube 590

Art. 590

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

**Application:** Blasolube 590 is suitable for the lubrication of highly loaded roller and friction bearings under demanding operating conditions connected to centralized lubrication systems. The excellent rheological properties combined with a good low-temperature behavior down to -30 °C allow a broad range of applications. Blasolube 590 is ideally suited for use in central lubrication systems in industry (such as machine tools), on commercial vehicles and on devices with long supply lines that work outdoors.

Product characteristics	Advantages
– High resistance to water	→ The lubricity and the sealing properties persist also under the influence of water
– Particular high pressure additives	→ The lubrication characteristic is guaranteed also under high pressure
– High work stability	→ The grease consistency will be retained also under strong mechanical stress
– Optimum wear protection	→ Guarantees a long service life and protection of machine parts
– Good adherence and good resistance	→ Long operating life of the lubricant
– High corrosion protection	→ 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:	°C	-30 to +100	
Grease type:	–	Calcium-/Lithium grease	
Colour, appearance:	–	yellow-green fluorescent	
Alloy type:	–	KP 0 G-30 G 0 G-30	DIN 51502
Penetration class:	–	NLGI 0	DIN 51818
Normal penetration Pw 60 (60 hub at +25°C):	1/10 mm	355-385	DIN ISO 2137
Density at +20°C:	g/cm <sup>3</sup>	0.918	DIN ASTM D1475
Pour point:	°C	140	DIN ISO 2176
Oil viscosity at 40°C:	mm <sup>2</sup> /s	75	DIN 51659.2
Oil separation (after 7 days at 40°C):	%	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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<b>Resistance:</b>	Resistant against media:	– cold water – warm water – alcalin solutions – acid solutions
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<b>Safety and environmental aspects:</b>	ADR/RID: Precautions:  Water hazard class: EC waste code: CH waste code: Classification and labelling:	Not classified as hazardous by transport regulations. Do not allow product to get into ground water, water course or sewage system. Slightly water endangering (WGK 1) 12 01 12 Identical to EC waste code (as per VeVA of 01.01.06) stated in the safety data sheet
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**Conditionnements:** Drum: 180/50 kg • Canister: 14 kg

*The data given on this sheet are based on properties and application possibilities as known to us. Blaser Swissslube AG will assume no liability for damage resulting from the improper use of its products. No general liability can be derived from these data. 31.549 E (0318)*