



PROBEOL GREASE G 0 00 000

A biodegradable grease for low temperatures and bearing blocks, enabling eco-friendly greasing operations.

ADVANTAGES

PROBEOL GREASE G is formulated from a synthetic and natural esters base, with added inorganic thickeners. This product provides corrosion protection, and particularly effective wear resistance.

USES

PROBEOL GREASE G 000 is used in central lubrication systems, particularly for utility vehicles (as per DIN 75203 and DIN 24271).

This product was specially developed for lubricating wheel flanges aimed at rail applications. The field of use concerns trains, trams, etc. at any time of year.

PROBEOL GREASE G 00 0 products are used for lubricating plain bearing blocks and roller bearings. They were developed specially for centralised greasing systems. Operating temperature: -30°C to 150 °C.

Characteristics	Standards	Units	0	00	000
Colour			Natural	Natural	Natural
Consistency			Soft, smooth	Soft, smooth	Pours easily
Biodegradability	CEC L-33-A-93	% at 21 days	>90	>90	>90
Copper corrosion at 100 °C	DIN 51811	Degree of corrosion	1	1	1
Oil bleed over 18 hrs	DIN 51817 (no weight)	-% weight	-	-	5
Bleed over 1 week	DIN 51817 (no weight)	-% weight	-	-	7
Behaviour in aqueous medium (3 hrs at +90 °C)	DIN 51807	-	1-90	1-90	1-90
Drop point	DIN ISO 2176	°C	none	none	None
NLGI class	DIN 51818	-	00	00	000





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Characteristics	Standard	Units	0	00	000
Pour pressure at -15 °C	DIN 51805	-	-	-	17
Pour pressure at -25 °C	DIN 51805	-	-	-	18
Pour pressure at -30 °C	DIN 51805	-	-	-	30
4-ball machine weld-point test	DIN 51350	N	2200-2400	2200-2400	2000/2200
Solid impurities more than 25 µm	DIN 51813	-	0	0	0
Water content	DIN ISO 3733	% weight	< 0.1	< 0.1	0.05
Anti-corrosion protection (Emcor test)	DIN 51802	Degree of corrosion	0	0	0
Penetration difference after running on the Worker (60 and 5000 strokes)	-	1/10 mm	-	-	15
Penetration	DIN ISO 2137	1/10 mm	370	410	
Ignition oxide residue in ash	DIN 51803	-% weight	< 2.75	< 2.5	4.25

The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.

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