

Gazpromneft Grease L EP

Lithium EP grease

Applications

Multi-purpose lithium grease with EP additives suited for tough, heavy-duty shock loaded equipment in industrial and transportation applications.

Features/Benefits

- Delivers optimum performance in various applications over a wide range of temperatures from -30°C to +120°C, including short-term rise to +150°C.
- EP additives ensure enhanced wear protection even under extreme pressure operating conditions.
- Superior resistance to oxidation, corrosion and water contamination.
- Good pumping ability in a wide temperature range.

Specifications

Typical Properties	Method	Gazpromneft Grease L EP				
		KP 00 K-30	KP 0 K-30	KP 1 K-30	KP 2 K-30	KP 3 K-30
Standard compliance	DIN 51502	KP 00 K-30	KP 0 K-30	KP 1 K-30	KP 2 K-30	KP 3 K-30
NLGI classification		00	0	1	2	3
Penetration, 60 strokes, 10 ⁻¹ mm	ASTM D217	400-430	355-385	310-340	265-295	220-250
Temperature range, °C		-30/+120	-30/+120	-30/+120	-30/+120	-30/+120
Color	Visual	Brown	Brown	Brown	Brown	Brown
Texture	Visual	Smooth Slick	Smooth Slick	Smooth Slick	Smooth Slick	Smooth Slick
Thickener type		Lithium Complex Soap	Lithium Complex Soap	Lithium Complex Soap	Lithium Complex Soap	Lithium Complex Soap
Base oil		Mineral	Mineral	Mineral	Mineral	Mineral
Base oil viscosity @ 40° C, mm ² /c	ASTM D445	150	150	150	150	150
Soap factor, %	Calculated	3	4.5	5.5	7.5	10
Dropping point, 0C	ASTM D566	>170	>170	>180	>190	>190
Copper corrosion, 24h/120°C	DIN 51811	1A	1A	1A	1A	1A
Corrosion protection (Emcor), Distilled Water	ASTM D6138	Pass	Pass	Pass	Pass	Pass
Four-Ball Wear, Scar mm	ASTM D2266 DIN 51350 5	0,5	0,5	0,5	0,5	0,5
Four-Ball Load Test, Weld Point, N	ASTM D2596 DIN 51350 4	2400	2400	2400	2400	2400
Water washout, weight loss @ 79°C, %	ASTM D1264	10	10	10	10	10
Oil separation, 24h/25°C, %	ASTM D1742	4-5	4-5	4-5	4-5	4-5

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