



GREASE L220EP

EXTREME PRESSURE

This is a multi-purpose, extreme-pressure grease based on lithium 12-hydroxystearate soap thickener and high-quality mineral base oil. This grease contains extreme pressure and other proven additives to enhance the performance in a wide range of applications. It is specifically recommended for steel mills, heavy-duty plain, and rolling element bearings operating under severe conditions, including shock loading and wet environments, gear box application where semi-fluid grease is required, and for centralized chassis lubrication systems.

Features & Benefits:

- The operating temperature range is -20°C to 130°C
- Excellent anti-wear and extreme pressure properties
- Excellent mechanical stability
- Good resistance to water-washout
- Excellent oxidation stability

Applications:

Recommended for steel mills, heavy-duty plain and rolling element bearings operating under severe conditions, including shock loading and wet environments; gear box applications where semi-fluid grease is required; and for centralized chassis lubrication systems.

Technical Data:

Parameters	ASTM	Typical Results			
		NLGI 00	NLGI 0	NLGI 1	NLGI 2
NLGI Grade		NLGI 00	NLGI 0	NLGI 1	NLGI 2
Thickener Type		Lithium soap			
Color		Yellow to Light Brown			
Appearance		Smooth & Homogenous			
Baseoil		mineral	mineral	mineral	mineral
Worked Penetration @ 25 °C	D-217	400 - 430	355 - 385	310 - 340	265 - 295
Copper Strip Corrosion 24 hrs @ 100 °C	D-4048	1b	1b	1b	1b
Dropping Point, °C, min	D-2265	N/A	190	190	190
Four Ball Weld Load Kgf, Min	IP239	250	250	250	250
4-Ball Wear, Scar, mm, Max	D-2266	0.6	0.6	0.6	0.6
Operating Temperature Range, °C		-20 to 130	-20 to 130	-20 to 130	-20 to 130
Base Oil Viscosity @ 40°C, cSt	D-445	220	220	220	220

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the environment. Dispose to an authorized used oil collection point. This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. For further Information on Safety Guidelines please refer to MSDS available on our website magicplusoil.net

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