

LGHP 2

High Performance, High Temperature Bearing Grease



BW bearings LGHP 2 is a premium grease suitable for the long term lubrication of bearings operating under extreme pressure load at high temperatures. LGHP 2 is a mineral oil based grease, using a modern poly urea (di-urea) thickener and is highly recommended for the lubrication of antifriction bearings.

ADVANTAGES

- Excellent performance in a wide temperature range
- Excellent water resistance and corrosion resistance
- Excellent mechanical stability
- High speed grease
- Outstanding long life
- No harmful substances



TYPICAL APPLICATIONS



- Industrial and Mining Machinery
- Pumps and Marine applications
- Electric motors
- Agricultural Machinery



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Designation	LGHP 2	Test Method	Ratings
NLGI Grade		ASTM D 217	2
Colour	Smooth, Homogeneous		Blue
Base oil type		API Group II	Mineral
Thickener / Soap type			Di-urea
Operating temperature range			-40°C to 150°C
Dropping point	°C	ASTM D 2265	240°C min
Base oil viscosity			
at 40°C	cSt	ASTM D 445	100
at 100°C			10.5
Penetration			
at 25°C (w/60)	10 ⁻¹ mm	ASTM D 217	265-295
at 25°C (w/100,000)			365 max
Corrosion protection (prevention)	Standard Salt water	EMCOR EMCOR	0-0 0-0
Water washout (resistance)			
at 78°C	3 hrs % wt loss	ASTM D 1264	10 max
at 90°C			1 max
Oil separation	7 days at 40°C, static %	DIN 51 817	1-5
Lubrication ability	Running test B at 120°C	R2F	Pass
Copper corrosion at 110°C		ASTM D 4808	1a max
Rolling bearing grease life			
ROF test		ASTM D 3336	1000 min at 150°C
L ₅₀ life at 10 000 r/min, hrs			
Fretting corrosion	Mg	ASTM D 4170	7 avg
Mechanical Stability			
Roll stability, 50hrs @80°C	10 ⁻¹ mm		365 max

Available sizes

	200 g Pouch	400 g Cartridge	500 g tin	1 kg tin	5 kg tin	18 kg tin
LGMT 3 General Purpose	•	•	•	•	•	•
LGEP 2 High Load, Extreme Pressure	-	•	-	•	•	•
LCAG 3 Special High & Low Temperature	-	•	•	•	•	•
LGHP 2 High Performance, High Temperature	-	-	-	•	•	•



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