LGMT 3



General Purpose Industrial and Automotive Bearing Grease

BW bearings LGMT 3 is a premium-quality lithium based grease designed for lubricating all types of bearings, and is suitable for a wide range of automotive and industrial applications requiring softer grease. Lithium based greases are favoured in many applications due to their good water resistance and mechanical stability.

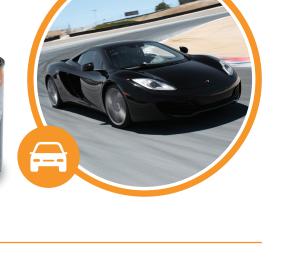
ADVANTAGES

- Good resistance to water wash-out, providing adequate lubrication in adverse conditions.
- Extended bearing life in service due to the excellent anti-oxidant and anti-corrosion additives used to prevent rust and corrosion.
 - Reduced grease inventory due to the versatile application of Lithium based grease.
 - Added protection and lubrication due to great affinity for metal surfaces, preventing channeling tendency.

TYPICAL APPLICATIONS



- Bearings shaft size > 100 mm
- Vertical shaft applications
- Drive shafts
- Pumps, compressors, grinding mills, electric motors
- General mechanical devices
- Wheel bearings & heavy trucks Hub Unit
- Agricultural equipment



GMT 3/0.5

BW bearings

LGMT 3/1

LGMT 3



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Designation	LGMT 3	> Test Method	Ratings		
NLGI Grade		ASTM D 217	3		
Colour	Smooth		Brown / Amber		
Base oil type		API Group II	Mineral		
Thickener / Soap type			Lithium		
Operating temperature range			-30°C to 130°C		
Dropping point		ASTM D 566	>195°C		
Base oil viscosity					
at 40°C	cSt	ASTM D 445	40- 60		
at I00°C			4- 6		
Penetration					
at 25°C (w/60)	10 ⁻¹ mm	ASTM D 217	220-250		
at 25°C (w/100,000)			280 max		
Mechanical stability					
Rolling stability (50 hrs at 80°C)	10 ⁻¹ mm	ASTM D 1831	330 max		
V2F			Μ		
Corrosion protection prevention (EMCOR rust test)	Standard in D/W	ASTM D 6138	0-0		
Oxydation stability	100 hrs (kg/cm²)	ASTM D 942	0.5 max		
Water washout (resistance)					
at 38°C	I hr % wt loss	ASTM D 1264	l max		
at 79°C			5 max		
Oil separation (shelf life*)	7 days at 40°C, Static %	DIN 51 817/IP 121	3 max		
Lubrication ability (wear indication)	Running test B at 120°C	R2F	Pass		
Copper corrosion at 110°C		ASTM D 4808	l b Pass		

* Rolman World offer a 3 year shelf life from date of production

Available sizes	200 g Pouch	400 g Cartridge	500 g tin	l kg tin	5 kg tin	18 kg tin
LGMT 3 General Purpose	•	•	۰	٠	٠	•
LGEP 2 High Load, Extreme Pressure	-	•	-	٠	٠	٠
LCAG 3 Special High & Low Temperature	-	•	۰	٠	٠	•
LGHP 2 High Performance, High Temperature	_	-	-	٠	•	•



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