

# LGFR 2

Fire Resistant Bearing Grease



BW Fire Resistant LGFR 2 is a flame retardant grease, with self extinguishing properties to ensure fire doesn't spread and is stopped within seconds. Excellent for use in applications close to heat and fire sources, as the self extinguishing properties mean the costly bearing and equipment are saved from damage. The grease has been tested for fire resistance and found to be better than the existing products in use.

## ADVANTAGES

- Reduce wear and friction
- Prevent rusting even in presence of water
- Non-corrosive to bearing material
- Resist to pressurised water sprays
- Should not disintegrate and exhibits fire retarding performance

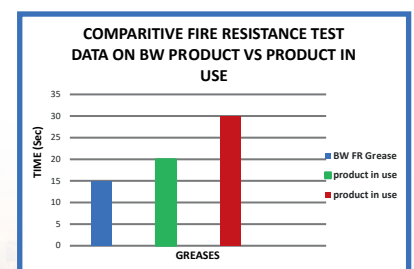


## TYPICAL APPLICATIONS

LGFR2 is designed to be used in heavy industry such as steel mills and mining where fire and heat can cause costly damage to bearings and machinery.



- Blast furnace
- Coke making facilities
- Caster and hot units prone to fire



# LGFR 2

## Fire Resistant Bearing Grease



Designation	LGFR 2	Test Method	Ratings
NLGI Grade		ASTM D 217	2
Colour	Smooth, Homogeneous		Blue
Thickener Formula		Proprietary	Lithium Complex
Base Oil			Mineral Oil
Temperature Range			-20 to +140 °C
Worked Penetration (60 double strokes)		ASTM D 217	290
Change in Penetration (100,000 Strokes)		ASTM D 217	40
Leakage by mass	gm	ASTM D 1263	3.5
Other Observation			No deposits
Dropping Point	°C	ASTM D 566	238
Oxydation Stability at 99 °C, 100 hrs Pressure Drop	Kg/cm2	ASTM D 942	0.35
Water Content	% wt	ASTM D 95	NIL
Copper Corrosion	°C	ASTM D 4048	1b Pass
Base Oil Viscosity at 40°C	cSt	ASTM D 445	307
Water Resistance at 80 °C	% wt	ASTM D 1264	3.5
Oil Separation at 25°C, 24 hrs	% wt	ASTM D 1742	1.6
Rust Protection	Rating	ASTM D 1743	Pass
Four Ball Wear	mm scar	ASTM D 2266	0.47
Four Ball Weld Load	Kgf	IP 239	225
Heat Stability	% wt	ASTM D 6184	1.6

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

### Available sizes

		200 g Pouch	400 g Cartridge	500 g tin	1 kg tin	5 kg tin	18 kg tin
<b>LGMT 3</b>	General Purpose	•	•	•	•	•	•
<b>LGEP 2</b>	High Load, Extreme Pressure	-	•	-	•	•	•
<b>LCAG 3</b>	Special High & Low Temperature	-	•	•	•	•	•
<b>LGHP 2</b>	High Performance, High Temperature	-	-	-	•	•	•
<b>LGFP 2</b>	Food Compatible Bearing Grease	-	-	-	•	-	-
<b>LGFR 2</b>	Fire Resistant Bearing Grease	-	-	-	•	-	•



P.O.BOX: 261069 , Jebel Ali – Dubai, UAE  
 Tel : (+971) 4 8873700 – Fax: (+971) 4 8873701  
 sales@rolman.com – www.rolman.com

