

### Synthetic - LX Multi-Purpose Lithium Complex Grease

#### Product Information

PM700 Synthetic - LX Multi-Purpose Grease is an EP-2, pumpable, robust, tacky, and tenacious multipurpose product with a lithium complex base thickener, manufactured from synthetic base oil, for low- and high-temperature applications. It is formulated to provide excellent stability and water resistance. PM700 Synthetic - LX Multi-Purpose Grease incorporates highly effective anti-rust, anti-corrosion, anti-oxidation and tackiness additives, and offers more effective extreme-pressure additives than similar products.

This product incorporates a shear-stable tackiness agent, unlike other lithium complex greases, which can handle unusually severe shock loads and remain in place under severe service conditions.

PM700 Synthetic – LX Multi-Purpose Grease will not thicken due to its high oxidation resistance; conversely, it will not thin due to its high shear stability.

#### Recommended applications:

For all ball, roller, and needle bearings, universal joints, ball joints, wheel bearings, particularly those fitted with disc brakes, pins, and bushes, in all automotive, marine, truck, agricultural, and construction equipment.

#### Typical Properties

		Method
NLGI Grade	2.5	ASTM 217
Appearance	Red	
Texture	Smooth – Very Tacky	
Viscosity Base Oil @ 40°C	180 cSt	ASTM D445
Viscosity Base Oil @ 100°C	16.5 cSt	ASTM D445
Drop Point °C	260 +	ASTM D2265
Four-Ball Weld, kg/f	380	ASTM D2596
Four-Ball Wear Scar, mm	0.42	ASTM D2266
Rust Prevention	No Rust	ASTM D1743
Timken OK Load, kg	30	ASTM D2509
Pumpability	Excellent	
Penetration @ 25° C @ 60	265	
100,000 strokes	275	
Water Washout @ 80° C %	Less than 3.5	

Available in 20KG, 500G, 450G, 20 x 450G Containers

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#### Benefits

**Excellent Stay Put Character**  
**Reduces Maintenance Costs**  
**DO MORE WITH LESS**

**PM700 Synthetic – LX Multi-Purpose Grease**

**For High Shear Stability**

#### Why PM Lubrication?

- ❖ Premium Quality
- ❖ XPR Protection Reserve
- ❖ Cost Effective Lubrication
- ❖ On-Site Monitoring will maximise equipment life
- ❖ Knife Edge Filtration
- ❖ Our Predictive & Preventative Maintenance Programme is **GUARANTEED** to save 15% of your total operating costs



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