

# PM710

## HD Moly EP Calcium Sulphonate Complex Grease

### Heavy Duty Moly Grease 5% Molybdenum Disulphide

#### Product Information

PM710 HD Moly EP Calcium Sulphonate Complex Grease -a Heavy Duty High Performance with 5% Molybdenum has been developed to operate in the most arduous conditions encountered in mining, earthmoving, agricultural, and stationary plant environments. PM710 HD Moly EP Calcium Sulphonate Complex Grease is underpinned by the adoption of Calcium Sulphonate Complex thickener, which is found to have superior characteristics to the more commonly used Lithium Complex chemistry synonymous with other PM710 HD Moly EP Calcium Sulphonate Complex Grease with other greases in this category. PM710 HD Moly EP Calcium Sulphonate Complex Grease has superior water washout and corrosion protection. PM710 HD Moly EP Calcium Sulphonate Complex Grease exceeds the 5% solids requirement; a property needed at severe impact points within zones where extreme protection is paramount. PM710 HD Moly EP Calcium Sulphonate Complex Grease is at home where water resistance, or even saltwater corrosion, threatens to impinge on componentry, and where high load-carrying capacity, with increased resistance to galling and fretting, is required.

**Applications:** PM710 HD Moly EP Calcium Sulphonate Complex Grease can be used in equipment where heavily loaded pins and bushes, as well as slow-to-medium heavily loaded bearings experiencing shock loads, are encountered. Anywhere severe operating conditions dictate a dynamic response, such as in marine, steel and metal manufacturing, the paper industry, and agricultural pursuits, where hostile conditions can prevail. The solids particle size permits the use of off-highway wheel bearings **ONLY** in slow to medium-speed units. New Generation tackifiers enhance the stay-put character of this product, helping it adhere to vertical surfaces or areas where fling-off could occur, such as the swing gears on excavation equipment.

**Key Features & Benefits:** PM710 HD Moly EP Calcium Sulphonate Complex Grease has high-tackiness agents that ensure constant lubrication in all conditions. \*\*5% solids -  $M_0S_2$ ... a key factor in reducing wear. \*\* The Calcium Sulphonate Complex thickener results in \*\* Improved mechanical stability and tenacity. PM710 HD Moly EP Calcium Sulphonate Complex Grease won't squash out. \*\* Extreme water resistance. Grease holds its character in water and resists wash-out. \*\* Excellent resistance to corrosion/acid attack. \*\* A higher drop point. High temperature applications. \*\*Increased EP because of the soap type. \*\*Prevents wear during boundary lubrication times.

#### Typical Properties

		Method
NLGI Grade	1.5	ASTM 217
Appearance	Grey/Black - Buttery	
Texture	Very Tacky	
Viscosity Base Oil @ 40°C	460 cSt	ASTM D445
Thickener	Calcium Sulphonate	
Lubricating Solids %	>5	
Drop Point °C	330° C	ASTM D2265
Four-Ball Weld, kg	600 - 800	ASTM D2873
Four-Ball Wear Scar, mm	0.45	ASTM D2266
Rust Prevention	Pass	ASTM D1743
Timken OK Load, kg	30	ASTM D2509
Water Washout	1.35%	ASTM D1264
Worked Penetration	300mm	ASTM D217
Oil Separation @ 25°C 24H	0.60%	ASTM D1742

#### Benefits

- Excellent Stay Put Character
- Reduces Maintenance Costs
- Excellent Lubrication with high water resistance
- DO MORE WITH LESS

PM710 HD Moly EP HD HP Complex Grease  
**Constant Lubrication in all Conditions**

#### 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

Available in 20KG, 2.5KG, 450G, 20 x 450G Containers

Issued 7/02/2026



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