

OPEN GEAR AND BEARING GREASE WITH MOLYBDENUM & GRAPHITE

XL-8751 is a calcium sulfonate grease, reinforced with molybdenum and graphite for added protection. This lubricant is characterized by its exceptional mechanical stability and resistance to continuous high loads and temperatures.

XL-8751 functions well under very high loads (high EP) rejects water, resists oxidation and inhibits corrosion.

XL-8751 grease performs extremely well at temperatures within its performance range of -20°C to 275°C.

TYPICAL APPLICATIONS:

- Industrial equipment in an adverse environment or under heavy loads
- Open gears exposed to water
- Heavily loaded bearings
- Low RPM bearings
- Pins & Bushings
- Heavy machinery
- Gears operating at low or high speeds
- Cables, wire ropes
- Crusher bearings
- Roller bearings
- High temperature ball bearings
- Rotary joints
- Truck fifth wheel

TYPICAL SPECIFICATIONS			
Product Code: XL-8751	/015	/002	/003
N.L.G.I. Grade:	1.5	2	3
Penetration @ 25°C After 60 strokes (ASTM D-217)	300	275	235
Dropping Point (°C) (ASTM D-2265)	300	300	300
Timken OK Load (kg) (ASTM D-2596)	35		
Solid boundary additives (submicron and colloidal)	Molybdenum, Graphite		
4 Ball EP Test, LWI (kg) (ASTM D-2596)	590		
4 Ball Wear Test, m/m scar, 40kg 1200rpm 75°C, 1 h (ASTM D-2266)	<0.33		
Oil Separation (24hrs @ 25°C) (ASTM D-1742)	0.25	0.2	0.15
Operating Temperature Range (°C)	-20 to 250	-15 to 250	-5 to 275
Minimum Dispensing Temperature (°C)	-35	-20	-15
Base Oil Viscosity (cSt @ 40°C) (ASTM D-445)	320	320	320
(cSt @ 100°C) (ASTM D-445)	34	34	34
Roll Stability Penetration (ASTM D-1831)	+19		
Rust Test Rating (ASTM D-2509)	1,1,1		
Water Washout @ 79°C (% loss) (ASTM D-1264)	2.65		
Oxidation Stability (ASTM D-942) @ 100 hrs	0 PSI		
@ 500 hrs	2 PSI		
@ 1,000 hrs	9 PSI		



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