

HIGH-PERFORMANCE SYNTHETIC GREASE SLOW MELTING FOR HIGH TEMPERATURES

XL-0701/401 is a calcium sulfonated grease incorporating a proprietary new viscosity stabilizing polymer that increases lubricity without sacrificing adhesiveness at high temperatures. It will prevent friction between surfaces when the machines are stopped, during the break-in period, and during an intermittent operation.

XL-0701/401 is characterized by its exceptional mechanical stability and resistance to continuous high pressures at low operating speeds. **XL-0701/401** functions well under very high loads (high E.P.), rejects water, resists oxidation and inhibits corrosion.

XL-0701/401 grease performs extremely well over a wide temperature range (-28°C to 265°C).

TYPICAL APPLICATIONS:

- Open gears both lateral and vertical
- Gears and bushings exposed to water (such as wet end of paper machine)
- Heavy machinery
- Fifth wheel
- Industrial equipment in an adverse environment or under heavy load
- Bearing operating at low rpm
- Rotary joints
- Crusher bearings

TYPICAL SPECIFICATIONS	
Product Code: XL-0701	/401
N.L.G.I. Grade:	1 – 1.5
Penetration (after 60 strokes) @ 25°C (ASTM D-217)	310 - 325
Dropping Point (°C) (ASTM D-2265)	300
Oil Separation (24hrs @ 25°C) (ASTM D-1742)	0.17%
Operating Temperature Range (°C)	-28 to 265
Minimum Pumping Temperature (°C)	-15
Base Oil Viscosity (cSt @ 40°C) (ASTM D-445)	1700
(cSt @ 100°C) (ASTM D-445)	95
Base Oil Viscosity Index	132
Additives	EP, AO, Graphite, Molybdenum
Roll Stability Penetration (ASTM D-1831)	+19
4 Ball Wear Test, m/m scar, 40kg, 1200rpm, 75°C, 1 h (ASTM D-2266)	0.36
4 Ball EP Test, LWI (kg) (ASTM D-2596)	500+
Rust Test (48hrs @ 52°C) (ASTM D-1743)	1,1,1
Water Washout @ 79°C (% loss) (ASTM D-1264)	2.75
Colour	Black/Grey
Oxidation Stability (ASTM D-942) @ 100 hrs	0 PSI
@ 500 hrs	2 PSI
@ 1,000 hrs	9 PSI

