

THE THERMAL-LUBE

HIGH-PERFORMANCE SYNTHETIC GREASE FOR HIGH TEMPERATURES AND PRESSURES

XL0702

February 2026

XL0702 is a calcium sulfonate grease that was created using new formulation technology. This lubricant is characterized by its exceptional mechanical stability and resistance to continuous high temperatures and pressure. **XL0702** functions well under very high loads (high E.P.), rejects water, resists oxidation and inhibits corrosion.

XL0702 grease performs extremely well within its performance range of -30°C to 260°C.

TYPICAL APPLICATIONS:

- Bearings exposed to high temperatures
- Bearings exposed to water (such as wet end of paper machine)
- Calendar rolls
- Shocks, Struts
- Fifth wheel
- Roller bearings
- Industrial equipment in adverse environments
- Bearings operating at low rpm
- Bearings operating at high rpm
- Electric motors
- Rotary joints
- Crusher bearings

TYPICAL SPECIFICATIONS

Product Code: XL0702	/000	/001	/002
NLGI Grade:	0	1	2
Penetration mm @ 25°C (ASTM D217)	365	320	270
Dropping Point (°C) (ASTM D2265)	>300		
Timken OK Load (kg) (ASTM D2509)	ND		27
Oil Separation (24hrs @ 25°C) (ASTM D1742) (%)	0.85	0.5	0.2
Temperature Range (°C)	-30 to 260		
Minimum Dispensing Temperature (°C)	-30		-17
Base Oil Viscosity (cSt @ 40°C) (ASTM D445) (cSt @ 100°C) (ASTM D445)	220 22		
Roll Stability Penetration (ASTM D1831)	ND		+3.7
4 Ball Wear Test, m/m scar, 40kg, 1200rpm, 75°C, 1 h (ASTM D2266)	ND		0.38
4 Ball EP Test, LWI (kg) (ASTM D2596)	ND		500
Rust Test (48hrs @ 52°C) (ASTM D1743)	Pass		
Water Washout @ 79°C (% loss) (ASTM D1264)	<3.0		
Oxidation Stability (ASTM D942) @ 100 hrs @ 500 hrs @ 1,000 hrs	0 PSI 2 PSI 9 PSI		



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