



# Technical Information

## Thixogrease 2

### Product Description

- Multi-purpose grease with calcium sulphonate base
- Broad operating temperature range (-18°C to 250°C)
- Meets or excess the specifications of NLGI GC-LB classification
- Reduces friction caused by asperity (metal to metal contact).
- Out performs traditional greases with its superior anti wear and high load carrying capabilities
- Outstanding shear stability, minimizing lubrication requirements
- Exceptional water wash resistance and rust and corrosion inhibition
- High extreme pressure lubricating film – up to 1.4 GPa (200,000 psi)
- Stays where it is applied and does not separate while in use
- Superb lubricating grease for all types of bearings, pins and bushings, king pins, valves and many other applications in marine, agricultural, industrial, pulp and paper, and mobile equipment

### Typical Properties

Properties	Method	Results
Appearance		Brown, Smooth, Buttery
NLGI Grade		2
Worked Penetration (60 Strokes)	ASTM D217	280 mm/10
Dropping Point	ASTM D2265	>300°C (572°F)
Oil Separation %W	ASTM D1742	0.27 %W
<b>Base Oil Properties</b>		
Viscosity @ 40°C	ASTM D445	130 cSt
Viscosity @ 100°C	ASTM D445	13.4 cSt
Viscosity Index	ASTM D2270	95
Specific Gravity	ASTM D1298	1.05
Density @ 20°C	ASTM D1298	1.05 g/mL
Pour Point	ASTM D97	-15°C

### Test Data

Property	Method	Results
Timken OK Load	ASTM D2509	>31 kg (70 lbs)
4 Ball EP - LWI - Weld point	ASTM D2596	75 500 kgf
4 Ball Wear	ASTM D2266	0.37 mm
Bearing Life	ASTM D3527	100 hrs
Water Washout (79°C)	ASTM D1264	0.10 % loss
Wheel Bearing Leakage	ASTM D4290	3.94 g
Low Temperature Torque (-40°C)	ASTM D4693	12.1 Nm
Corrosion Prevention	ASTM D1743	Pass

**For additional technical support call 1-800-661-7777**

Printed in Canada 01/07