

THE THERMAL-LUBE

100% SYNTHETIC PIB GREASE

XL0852

June 2022

XL0852 is a custom blend of polyisobutylene with performance-enhancing additives expressly designed to slowly evaporate at high temperatures leaving absolutely no abrasive residues.

XL0852 features high-performance EP additives, and is specially formulated with High Temperature Anti-Rust & Anti-Oxidation Performance-Enhancing Additives designed to lubricate slow-moving, heavily-loaded bearings and shafts under the most severe and critical operating conditions.

XL0852 exhibits exceptional thermal stability, as well as superior rust protection, and will not melt or drip.

XL0852 reduces friction, thereby reducing:

- Wear
- Energy consumption
- Stressing of the bearing casings
- Metal fatigue
- Bearing failures
- Costly unscheduled down-times

XL0852 can be used in the following applications:

- Foundries
- Skate bearings
- Kilns
- Low-speed bearings
- Driers
- Etc.

XL0852 Has been used successfully at operating temperatures ranging from -30°C to 600°C.

TYPICAL SPECIFICATIONS

Product Code: XL0852	/000	/001	/002
N.L.G.I. Grade:	0	1	2
Penetration @ 25°C (ASTM D217) After 60 strokes After 10,000 strokes After 60,000 strokes	360 365 367 372	325 331 335 343	265 268 273 275
Dropping Point (°C) (ASTM D2265)	None		
Copper Strip Test (163°C for 3 hours) (ASTM D1838)	Negative		
Texture	Extremely adhesive / tacky		
Colour	Brown		
Timken OK Load (kg) (ASTM D2509)	40		
Type of thickener	Inorganic		
Oil Separation (24hrs @ 25°C) (ASTM D1742)	< 1%	< 1%	< 1%
Additives	Anti-rust, Anti-oxidant, Anti-corrosion, EP		
Temperature Range (°C)	-30 to 600		
Maximum Temperature (°C)	650		
Minimum Temperature (°C)	-30	-30	-20
Base Oil Viscosity (cSt @ 100°C) (ASTM D445)	200		



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