

THE THERMAL-LUBE

100% SYNTHETIC GREASE WITH ALUMINUM AND GRAPHITE FOR ROTARY KILNS

XL0853

June 2022

XL0853 is a custom blend of **synthetic polymers** and performance-enhancing additives expressly designed to slowly evaporate at high temperatures leaving **absolutely no abrasive residues**

XL0853's specially formulated additives, including high concentrations of solid boundary lubricants are designed to lubricate metallic surfaces at extremely high temperatures.

XL0853 will reduce friction thereby reducing:

- Tyre & pad wear
- Kiln "creepage"
- Flexing of the kiln shell
- Shell ovality
- Replacement of tire shell sections

XL0853 has been used successfully at operating temperatures ranging from -40°C to 800°C

TYPICAL SPECIFICATIONS					
Product Code: XL0853	/000	/001	/002	/003	/004
N.L.G.I. Grade:	0	1	2	3	4
Penetration @ 25°C (ASTM D217)	360	365	265	240	180
After 60 strokes	365	331	268	240	185
After 10,000 strokes	367	335	273	247	185
After 60,000 strokes	372	343	275	255	200
Dropping Point (°C) (ASTM D2265)	None				
Copper Strip Test (163°C for 3 hours) (ASTM D130)	Negative				
Texture	Adhesive/Tacky				
Colour	Silver				
Timken OK Load (lbs) (ASTM D2509)	90	90	90	90	90
Type of thickener	Inorganic				
Oil Separation (24hrs @ 25°C) (ASTM D1742)	< 1%	< 1%	< 1%	< 1%	< 1%
Additives	Aluminum, Graphite, Anti-rust, Anti-corrosion				
Temperature Range (°C)	-40 to 800				
Maximum Intermittent Temperature (°C)	850				
Minimum Temperature (°C)	-40	-40	-30	-15	0
Base Oil Viscosity (cSt @ 100°C) (ASTM D445)	200				



255 Ave Labrosse, Pointe-Claire, Québec, Canada H9R 1A3

T: +1.514.694.5823; www.thermal-lube.com

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