

THE THERMAL-LUBE

SYNTHETIC HIGH-SPEED, LOW TEMP GREASE, WITH PTFE

XLFG100

February 2026

XLFG100 series of Synthetic High-speed and Low Temperature Greases are translucent and formulated with PTFE to reduce friction.

XLFG100 series may be used as a lubricant for spinning and coning of yarns, tire cords, and other applications involving light, adhesive lubrication that is x-ray transparent.

TYPICAL SPECIFICATIONS

Product Code: XL0848/20X	/201	/202	/203
N.L.G.I. Grade:	1	2	3
Penetration (mm ⁻¹ @ 25°C) (ASTM D217)	310-340	265-295	220-250
Base Oil Viscosity cSt @ 40°C	68	68	100
Dropping Point (°C) (ASTM D938)	None		
Melting Point (°C) (ASTM D127)	None		
Flash Point (°C) (ASTM D92)	>225		
Copper Strip Test (163°C for 3 hours) (ASTM D1838)	Negative		
Texture	Tacky, buttery		
Color	Clear White		
Timken OK Load (lbs.) (ASTM D2509)	20+		
Type of thickener	Silica		
Oil Separation (24hrs @ 25°C) (ASTM D1742)	< 3%		
Density	0.89		
Temperature Range (°C)	-45 to 235		
Minimum Dispensing Temperature (°C)	-25		
Maximum Intermittent Temperature (°C)	250		
Toxicity	Not controlled (WHMIS)		



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