



Lithium Calcium EP-150 Synthetic JMX-007

CALGARY L&G LITHIUM CALCIUM EP-150 SYNTHETIC JMX-007 GREASE is a premium multi purpose, extreme pressure (EP) lithium calcium grease formulated with synthetic base fluids, suitable for mild to medium duty service in virtually all applications (not suitable for automotive wheel bearings).

HPM Core + LT certified; Branded Product Registration ID: 14-25013-AAAY

Extensive temperature range

Boasts a working temperature range that extends from -38°C to 150°C.

Effective anti-corrosion / anti-rust protection

Ensures protection against corrosion/rust.

Exceptional mechanical stability

Retains consistency over long periods of use, providing stability and long-lasting protection.

Enhanced extreme pressure capability

Provides high load carrying capacity, and protects components from wear and failure.

PROPERTY WITH UNIT OF MEASUREMENT	TEST METHOD	TYPICAL VALUES
NLGI Grade	ASTM D-217	1.5
Worked Penetration 60X (0.1mm)	ASTM D-217	295-310
Worked Penetration 100,000X (0.1mm)	ASTM D-217	±25
Thickener Type	Report	Lithium Calcium
Color (-)	Visual	Blue
Appearance	Visual	Smooth
Base Oil Type	Report	Synthetic
Base Oil Viscosity @ 40°C (cSt)	ASTM D-445	150
Base Oil VI	ASTM D-445	170
Dropping Point (°C)	ASTM D-2265	190
4-Ball LWI (-)	ASTM D-2596	67.41
4-Ball weld (kgf)	ASTM D-2596	315
Timken lb Pass	ASTM D-2509	50
4-Ball wear scar diameter (mm)	ASTM D-2266	< 0.60
Rust (-)	ASTM D-1743	Pass
Copper Corrosion	ASTM D-4048	1A
Low temperature torque @ -40 °C (g.cm)	ASTM D-1478	774/312
Low temperature torque @ -45 °C (g.cm)	ASTM D-1478	1534/410
Kasternich Technique Flow Pressure @ -40.0 °C (p)	DIN51805	4.20
Kasternich Technique Flow Pressure @ -45.0 °C (p)	DIN51805	5.40
Oil Separation 18 hours @ 40.0 °C (%)	IP 121	1
Oil Separation 7 days @ 40.0 °C (%)	IP 121	3
Water Washout @38.0 °C (%)	ASTM-D1264	3
Estimated Operating Temp Range (°C)	Observed	-40 to 150