



TECHNICAL INFORMATION

ORIGEN LS-EP 2

Lithium-Stearate Extreme Pressure Grease

DESCRIPTION

ORIGEN LS-EP 2 Grease is a premium quality Lithium multipurpose grease NLGI 2 consistency. It is based Lithium 12-Hydroxystearate soap offering excellent shear stability and oil retention properties.

APPLICATION

ORIGEN LS-EP 2 Grease is recommended for anti-friction bearings including the rotating outer race and vertical shaft configurations and can also be used in plain bearings up to 3600 r/min., machine tools and a variety of marine applications. The low starting torque characteristics makes it an ideal grease for electric motor bearings. The stiffer NLGI 2 grease is mainly recommended for applications where maximum protection against penetration of water or solid contaminants is required.

ORIGEN LS-EP 2 Grease operating temperature range is from -30°C to +120°C Max 30°C.

BENEFITS

- Reduce bearing leakage.
- Long service life.
- Multi-use convenience.
- Excellent oxidation resistance.
- Good anti-wear, rust and corrosion protection.

TECHNICAL CHARACTERISTICS

	Test Method	Result
DIN Classification	DIN 51502	K3K-30
ISO Classification	ISO 12924	XC(F)CHA3
NLGI Grade	ASTM	2
Thickener type		Lithium
Colour	Visual	Brown
Worked Penetration @ 25°C, 0.1MM	ASTM D217	245
Dropping Point °C	IP 396	194
Base Oil Type		Mineral Oil
Viscosity at 40°C cSt	ASTM D445	205
20,000 Strokes worked penetration, % change	ASTM D217	10
Shell Roll stability – 24hrs	ASTM D1831	10
Density, g/ml	IP PM-CS/03	0.9



50kg



15kg

*MSDS available on request.

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