



72 3111

High Performance Synthetic Slow Melt High Temperature Grease

CHARACTERISTICS:

- A synthetic hybrid calcium sulfonate / inorganic soap grease.
- Demonstrates exceptional mechanical stability and resistance to continuous both high and extreme low temperatures -42 to + 260 °C.
- Fully formulated with the latest in EP additive technology and functions very well under high loads.
- Unique thickening structure virtually eliminates water washout,
- Resists oxidation and inhibits corrosion.

TYPICAL APPLICATIONS:

- Bearings exposed to high temperatures
- Bearings exposed to water (such as wet end of paper machine)
- Calendar rolls
- Heavy machinery
- Gear boxes requiring greases
- Roller bearings
- Industrial equipment in an adverse environment or under heavy load
- Bearing operating at low or high rpm
- Electric motors
- Rotary joints
- Crusher Bearings
- Fifth Wheel

Xp Lab, Inc.

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PHYSICAL PROPERTIES:

Test	ASTM	72 3111
NLGI Grade		2
Penetration @ 25°C, 60 strokes		275
Dropping Point, °C		300
Oil separation, 24 hours @ 25°C		0.1%
Oxidation Stability	D-942	
@ 100 hrs.		0 PSI
@ 500 hrs.		2 PSI
@ 1,000 hrs.		9 PSI
Roll stability penetration	D-1831	+19
4 ball wear test, m/m scar (75°C, 40 kg, 1200 rpm, 1h))	D-2266	0.39
4 ball EP test, LWI, kg	D-2596	500
Timken OK load, Kg (lbs)	D-2509	27 (65)
Rust test rating	D-1743	1,1,1
Water washout @ 79°C % loss	D-1264	2.5%
Viscosity cSt @ 40°C		43.8
Viscosity cSt @ 100°C		7.1
Operating temperature range °C		-42 hasta + 265
Additives		EP, AW, AOX

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