



71 4111

Synthetic High-Performance High-Temperature Grease

CHARCATERITICS:

- Calcium sulfonate grease that was created using new formulation
- Technology.
- Exceptional mechanical stability
- Resistance to continuous high temperatures
- Functions well under very high loads (high E.P.),
- Rejects water,
- Resists oxidation and inhibits corrosion.
- Performs extremely well at high temperatures within its performance range of -40°C to 260°C.

TYPICAL APPLICATIONS:

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

Xp Lab, Inc.

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PHYSICAL PROPERTIES:

Test	ASTM	71-4111
NLGI Grade.		2
Pumping (min. temp. °C)		-17
Penetration @ 25°C, 60 strokes		280
Dropping Point, °C		300
Oil separation, 24 hours @ 25°C		0.2%
Oxidation Stability @ 100hrs	D-942	
@ 100 hrs.		0 PSI
@ 500 hrs.		2 PSI
@ 1,000 hrs.		9 PSI
Roll stability penetration	D-1831	+3.7
4 ball wear test, m/m scar, 40 kg 1200 rpm, 75°C, 1 h	D-2266	0.38
4 ball EP test, LWI, kg	D-2596	500
Timken OK load, Kg	D-2509	27 (65)
Rust test rating	D-1743	1,1,1
Water washout @ 79°C % loss	D-1264	3%
Base oil characteristics Viscosity cSt @ 40°C		400
Base oil characteristics Viscosity cSt @ 100°C		24
Temperature Range of operation in °C		-24 hasta + 265

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