

INTERLUBE IL-GRSC12M

EXTREME PRESSURE CALCIUM SULFONATE GREASE - ANNUAL

IL-GRSC12M

OVERVIEW

IL-GRSC12M is a calcium sulfonate grease, reinforced with carefully selected high performance anti-wear additives for added protection. This lubricant is characterized by its exceptional mechanical stability and resistance to continuous high temperatures.

IL-GRSC12M functions well under very high loads (high EP) rejects water, resists oxidation and inhibits corrosion.

IL-GRSC12M grease performs extremely well at temperatures within its performance range of -65°C to 250°C.

TYPICAL APPLICATIONS

- ◆ Bearings exposed to water
- ◆ Heavy Machinerie
- ◆ Fifth Wheel
- ◆ Industrial equipment in an adverse environment or under heavy loads
- ◆ Low and high speed bearings
- ◆ Crusher bearings
- ◆ Rotary Joints
- ◆ Rollers and Bearings

TYPICAL PROPERTIES

INTERLUBE IL-GRSC12M	Test Method	/011	/001	/156
PRODUCT CODE				
N.L.G.I Grade		1	1	1.5
Penetration @ 25°C After 60 strokes	ASTM D-217	350	335	300
Dropping Point (°C)	ASTM D-2265	300	300	300
Oil Separation (24hrs @ 25°C)	ASTM D-1742	.25	.20	.15
Minimum Dispensing Temperature (°C)		<-65	<-52	<-35
Base Oil Viscosity (cSt @ 40°C)	ASTM D-445	112	135	220
Operating Temperature Range (°C)		-65 à 250	-65 à 250	-65 à 250
Timken OK Load (kg)	ASTM D2509	35	35	35
Roll Stability Penetration	ASTM D1831	+19	+19	+19
4 Ball Wear Test, m/m scar, 40kg, 1200rpm, 75°C, 1 h	ASTM D2266	0.33	0.33	0.33
4 Ball EP Test, LWI (kg)	ASTM D-2596	300+	300+	300+
Rust Test Rating	ASTM D-1743	1,1,1	1,1,1	1,1,1
Water Washout @ 79°C (% loss)	ASTM D-1264	2.65	2.65	2.65
Oxidation Stability	ASTM D-942			
@ 100 hours	ASTM D-942	0 PSI	0 PSI	0 PSI
@ 500 hours	ASTM D-942	2 PSI	2 PSI	2 PSI
@ 1000 hours	ASTM D-942	9 PSI	9 PSI	9 PSI

The values of the characteristics indicated in this table are typical values given as an indication.