

FS Spectra Lube Construction Red Grease

Description

FS Spectra Lube® Construction Red is a premium lithium complex grease containing the highest base oil viscosity within the Spectra Lube grease line.* This grease has a high dropping point in excess of 500°F ensuring retention where high temperatures are encountered. The product has also been formulated with a special additive package that ensures high film strength, extreme pressure protection and anti-wear properties.

The thickener structure combined with a special additive package makes this product a primary choice for construction equipment which enhances the performance in vibrating housings and prolongs re-lubrication intervals. This product is specially formulated with additional corrosion protection and water-resistance additives which gives enhanced protection against highly reactive contamination which are common in agricultural applications and red soils (iron-oxide or iron-rich soil) which are common both in agricultural, mining and quarry operations.

The polymer-fortified structure provides superior protection against water washout, rust, and corrosion and improved adhesion on metal surfaces which make this product a primary choice for mining and construction equipment. High-quality base fluids and rust/oxidation/corrosion inhibitors provide protection for metals in storage and under extreme service conditions.

Features and Benefits:

- Superior shock load carrying capability and protection against wear.
- Enhanced protection against severely wet operating conditions.
- Extended lubricating performance under vibrating and oscillating working conditions.
- Excellent resistance to water washout.
- High-temperature dropping point.
- Very good pumpability in wide temperature ranges.

Product Availability:

FS Construction Red #2

30/14 oz. Tubes	Item #138957
120 lb. Keg	Item #139153

Meets or Exceeds:

FS Spectra Lube Red Construction Grease can be used as a multi-purpose grease but is best suited for heavy-duty applications such as construction equipment working under heavy loads.

- Construction and agricultural equipment which operates continuously both on and off highway conditions.
- Roller bearing applications with continuous exposure to water, oscillating movements, and vibration with heavy shock loads (i.e. mining and manufacturing industries like steel, paper, glass and textile.)
- Sliding applications, bearings, and chassis elements working under wet and moderate to high temperatures and heavily loaded conditions.
- Low to medium speed bearings where heavy and shock load conditions are dominant.
- Agricultural or earthmoving equipment lubrication in red soil and fertilizer-rich soil environments for better corrosion protection.**



Typical Properties:

Test / Description	Method	Specification
NLGI Grade	NLGI	2
Color/Texture	Visual	Dark Red/Tacky
Thickener	--	Lithium Complex
Base Oil Type		Mineral
Penetration, Worked (60 Strokes)	ASTM D217	265-295
Dropping Point, °C/°F	ASTM D2265	>260 (>500)
Timken OK load, lbs.	ASTM D2509	60
4 Ball EP Weld, kg.	ASTM D2596	400
4 Ball Wear, mm	ASTM D2266	0.52 (<0.6)
Water Wash-Out test, %Loss	ASTM D-1264	<5.0
Oil Separation %	ASTM D1742	3%
Rust Protection	ASTM D1743	Pass
Copper Corrosion	ASTM D4048	1B
Base Oil Viscosity @ 40°C cSt	ASTM D445	ISO VG 320
Base Oil Viscosity @ 100°C cSt	ASTM D445	24
NLGI Grade		GC/LB
Temperature Range, C		-30 C to 140 C