

SYG-1440/KELVINPLUS-460

Calcium Sulfonate ComplexGrease

Product Description

SYG-1440/Kelvinplus-460 is a new generation of calcium grease that is characterized by its spectacular mechanical stability. It carries a very high load rating, excellent water resistance, with oxidation and corrosion stability. This is truly multipurpose calcium grease with its wide operating temperature range of up to >280 C.

The product is environmentally friendly because it contains no heavy metals or any other harmful undesirable additives. It helps neutralize acids and also resists reacting with caustic materials. Its grease has prevented corrosion despite years of exposure to phosphoric acid.

Applications

It is intended for all auto motive applications including chassis points, wheel bearings, fifth wheels, kingpins, etc. Typical industrial applications are anti-friction bearings, low and high-speed general bearings, oven conveyors, electric motor bearings, steel mill roller bearings, crusher bearings, die pins, construction and agricultural equipment.

Features/ Benefits

- High Shear Stability
- Wide Operating Temperature Range
- Water Resistance
- High Load Capabilities
- Long Life

Typical Properties

PROPERTIES	TEST METHOD	TYPICAL VALUES	TYPICAL VALUES
NLGI Grade	-	1.5	2
Structure	Visual	Smooth	Smooth
Color	Visual	Red	Brown
Thickener Type		Calcium Sulphonate Complex	Calcium Sulphonate Complex
Base Oil	-	Synthetic	Synthetic
Penetration, Worked 60x	ASTM D 217	285-315	270-300
Dropping Point, °C	ASTM D 2265	≥300	≥300
Water Washout, % Loss	ASTM D1264	1	1
Base Oil Viscosity @40°C	ASTM D445	460	460
Corrosion Protection	ASTM D 1743	Pass	Pass
Four-Ball EP, Weld Load, kg	ASTM D 2596	800	800
Four Ball Wear, Scar Width, mm	ASTM D 2266	0.5	0.5
Four Ball EP Weld Load Wear Index	ASTM D 2596	70	70
Low Temperature Pumpability	-	1	20
Timken OK Load, lbs.	ASTM D 2509	55	55

Available Packs: 1, 18, 180 Kg.

Shelf Life – 36 Months from the Manufacturing month

* All related specifications are meets or exceeds.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly. The Material Safety Data Sheet (MSDS) are available upon request through our sales office.