



PRODUCT DATA SHEET

LITHIUM COMPLEX EP GREASE

DESCRIPTION

Lithium Complex EP Grease is a heavy duty lithium complex, extreme pressure (EP) grease with excellent anti-wear and high temperature performance. It provides excellent adhesion and water resistance, rust and corrosion protection and extended life in high temperature service. It is manufactured with a lithium complex soap base with selected high viscosity index mineral oils combined with rust, oxidation and corrosion inhibitors, specially selected lead free extreme pressure additives and a tackiness additive.

Appearance	Blue Tacky	
Worked Penetration	275 mm	ASTM D217
Oil Viscosity	190 cSt@40°C Typical	
Timken OK Load	23	ASTM D2509
4 Ball Weld Test	350 kg	ASTM D2596

APPLICATION

Lithium Complex EP Grease is the prime recommendation for use in applications where high thermal resistance is required. These include automotive, industrial, mining, earthmoving and marine applications such as wheel bearings subjected to high temperatures and load caused by repeated and high speed braking in particular on disc brakes, chassis, high speed ball and roller bearings, pre-packed and sealed for life bearings in several heavy industries, boat trailer wheel bearings, water pumps, winches etc. and other applications requiring grease lubrication.

Lithium Complex EP Grease may be used where either soap based or clay based greases are recommended, particularly if rationalisation of grease types is required.

The recommended temperature range is from -25 °C to 175 °C, however Lithium Complex EP Grease may be used at temperatures to 200°C with the lubrication frequency increased accordingly.

STANDARDS

NLGI Grade No.2

CONTAINER SIZES

Bulk Bin, 180 kg, 55 kg, 20 kg, 2.5 kg, 450g Cartridges