

# CALCIUM GRAPHITE-0 680 HD

## DESCRIPTION

**CALCIUM 680 G-0 HD** is high performance calcium based grease, manufactured from superior quality fine micronized graphite powder and high base oil stocks. This grease is having moderately high drop points, high resistance to oxidation and water, good sealing property and suitable to give excellent lubrication in sliding friction conditions under comparatively high load. **CALCIUM GRAPHITE-0 680 HD** is used for low temperature application & where water resistance is required with high load application. It is highly resistant to water and have good mechanical stability. Graphite present in the grease forms a thin layer on matting surface & reduce friction.

## APPLICATIONS

- **CALCIUM GRAPHITE-0 680 HD** is recommended for plungers, slides, elevator cables, steel wire ropes, chain drives, hoists, forklifts, sprockets, pulley, leaf - springs, hydraulic rams, slow speed open gear etc. this is also suitable for plain bearing operating in wet condition and as an anti - seize compound in special cases.
- **CALCIUM GRAPHITE-0 680 HD** grease have been designed specifically for the lubrication of rails in railways mainly in the curve and other areas exposed to major friction, to avoid the early wear of both the wagon wheel and the rails. It can be used in slow speed ball/ roller bearings as well as flanges in Railways network.
- **CALCIUM GRAPHITE-0 680 HD** greases are highly recommended for flexible couplings in paper mill equipment such as digestors, chip screen, chippers, conveyors etc. where incidental water contact is high.
- **CALCIUM GRAPHITE-0 680 HD** is especially developed for the running-in of large open gear drives in rotary kilns, tube mills, dryers, lime kilns, rotary coolers, etc. used in the cement, lime, gypsum, mining, steel, power, paper & pulp and chemical industries.

## FEATURES & BENEFITS

- Excellent mechanical & shear stability.
- Superior High load carrying capacity.
- High Oxidation stability.
- Superb Anti-Rust & Anti-Corrosion properties.
- High water resistance characteristic and sealing property.
- Exhibit excellent adhesiveness.

### PROPERTIES OF CALCIUM GRAPHITE-0 680 HD

NLGI	0
Thickener Type	Calcium
Color	Grey/Black
Solid Lubricants %	15% fine micronized graphite
Worked Penetration	355-385
Dropping Point	105
Viscosity @40°C,cSt	680
Operating Temperature	-12 to +80
Four Ball Weld Load,	+400 to 500

**POWERMAXX LUBE INDIA**

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