



Gulf Crown CSC (800 kg Weld Load)

Calcium Sulfonate Complex EP Grease for Heavy Duty Applications

Product Description

Gulf Crown CSC (800 kg Weld Load) series grease are heavy duty multipurpose calcium sulfonate complex soap based grease for use in a wide range of marine, industrial and automotive applications under extreme conditions. It is manufactured from high quality solvent refined base oils and performance additives to provide good structural stability, resistance to water washout and effective protection from wear and corrosion. It is specially designed to deliver outstanding performance in severe application areas like marine, mines, offshore and heavy duty off-highway equipment.

Features & Benefits

- Outstanding extreme pressure properties (4 ball weld load of 800 kg) extend component life under shock-load conditions
- Excellent mechanical stability and resistance to softening ensures long lubricant life and prevents leak out of bearings even in the presence of water
- Excellent corrosion protection and resistance to water washout resulting in improved component protection and equipment life
- Good adhesive property ensures that the grease stays in place for longer re-lubrication intervals.
- Very high drop point ensures extended operating range of up to 200°C.
- Good low temperature fluidity/ pumpability even in cold weather making it ideal for use in centralised lubrication systems on vehicles as well as industrial applications

Applications

- Heavy duty equipments used in marine, off-shore, cement, mining/ quarrying, agriculture & forestry/ logging, off highway and other industrial as well as automotive applications under severe conditions.
- General lubrication of axles, ball joints, universal joints, couplings, power take-offs, king pins, bushings and disc brakes

Specifications, Approvals & Typical Properties

Meets the following Specifications		2	3
ASTM D4950 GC-LB		x	x
Typical Properties			
Test Parameters	Method	Typical Values	
Colour	Visual	Brown	Brown
Texture	Visual	Smooth	Smooth
Thickener		Calcium Sulphonate	Calcium Sulphonate
NLGI		2	3
Type of base oil		Mineral	Mineral
Base oil viscosity at 40°C, cSt	D 445	460	460
Consistency, worked penetration 60 strokes	D 217	285	235
Roll stability 2hrs., % change	D 1831	1.5	1.2
Dropping Point, °C	D 2265	>300	>300
Oil Separation at 25°C for 24 hrs , % wt	D 1742	1.6	1
Four Ball weld Load in kgs.	D 2596	800	800
Four Ball wear scar diameter, mm	D 2266	0.4	0.39
Copper strip corrosion at 100° c for 24 hrs, rating	D 4048	1a	1a
Rust Protection	D 1743	Pass	Pass

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

Gulf Oil International

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