

KYNETXSD

SUPER DUTY OBCS GREASE <> SD CSS11

EXTREME COLD TEMPERATURE SYNTHETIC LUBRICATING GREASE

PRODUCT DESCRIPTION

KYNETX SD CSS11 is a synthetic hydrocarbon based lubricating grease formulated for extreme low to moderate temperatures and corrosive environments. Fortified with extreme pressure and anti-wear additives as well as corrosion and oxidation inhibitors, KYNETX SD CSS11 is truly a high performance lubricating grease. In addition, KYNETX SD CSS11 contains a high viscosity index base fluid as well as molybdenum disulfide for protection against heavy shock loads encountered in severe applications. This product is shear stable and also protects against corrosion with non-ferrous metals. KYNETX SD CSS11 is environmentally friendly as it does not contain barium, lead, antimony, sulfur, phosphorous, zinc or other heavy metals.

PRODUCT BENEFITS

Excellent in low temperature and corrosive environments while being environmentally friendly. Excellent extreme pressure and anti-wear properties. Contains 5% Moly.

RECOMMENDED APPLICATIONS



For use in/on any of the following:

- Extreme cold, heavy duty equipment
- Steering linkages
- Kingbolt bearings
- Pin joints/U-joints/other articulated pivots
- Conveyor/fan bearings

PRODUCT SPECIFICATIONS

ISO VG	32
NLGI Grade	1
Thickener Type	OBCS
Color	Platinum
Texture	Tacky
Appearance	Smooth
Operating Temperature Range	-60° to 350°F (-51° to 177°C)

TYPICAL PROPERTIES

Penetration @ 25°C (77°F), mm/10	ASTM D 217	
Worked 60 Strokes		310-340
Worked 100,000 Strokes – Penetration change from 60 strokes		1
Dropping Point	ASTM D 2265	550°F (287.7°C)
4 Ball Wear Test, mm Scar Diameter	ASTM D 2266	0.45 Max.
4 Ball E.P. Weld Point, Kg	ASTM D 2596	500 Min.
Timken Load Carrying Test of Grease, Lbs.	ASTM D 2509	65 Min.
Rust Preventative Properties of Greases	ASTM D 1743	Pass
Copper Corrosion of Greases	ASTM D 4048	1a
Salt Frog Test, Hrs.	ASTM B 117	2500+
Roll Stability, Modified, 200 grams, 100ml water @180°F, 24 hours, Penetration Change, %	ASTM D 1831	+/-5
Base Oil Characteristics	ASTM D 445	
Viscosity @ 40°C, cSt		31.0-40.75
Viscosity @ 100°F, SUS		146-190
Viscosity Index, Min.		135 Min.

NOTES

When changing from one grease product to another, it is recommended that the incumbent grease is completely purged from the application. The replacement grease should then be used to flush the application. Reduce the re-lubrication interval by half for the next 3-4 cycles to ensure removal of the incumbent grease. This should be done regardless of compatibility or incompatibility.

AVAILABILITY

35 lb. (15.9 Kg) Plastic Pail

CSS1148000-KN5011

HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).