

# KYNETX HD

## KYNETX HD CSN18

### HEAVY DUTY CALCIUM SULFONATE GREASE



CONSTRUCTION



INDUSTRIAL



MARINE



ENERGY



AUTOMOTIVE



HEAVY MOBILE



MINING



STEEL



PAPER



HIGH TEMP

### PRODUCT DESCRIPTION

Kynetx HD CSN18 is a unique lubricating grease utilizing an entirely new approach in thickener technology. HD CSN18 provides exceptional lubricity, thermal stability, rust protection, and water washout resistance. Its mechanical stability surpasses conventional greases and makes it ideal for use in high load applications. It contains no heavy metals or other environmentally undesirable components. HD CSN18 is a truly outstanding multi-purpose grease. It has no significant shortcomings and is probably the closest thing to an all-purpose lubricant on the market today.

### FEATURED BENEFITS

- Excellent water resistance and corrosion protection in salt and fresh water environments
- Exceptional extreme pressure and anti-wear performance

### APPLICATIONS



- Steel mills
- Paper mills
- Aluminum mills
- Foundries
- Cement plants
- Power generation
- Off-road applications
- Mineral processing
- Offshore rigs
- Marine applications

### PRODUCT SPECIFICATIONS

ISO VG	460
NLGI Grade	1
Thickener Type	Calcium Sulfonate
Texture	Smooth, Buttery
Color	Amber
Operating Temperature Range	-20° to 350°F (-29° to 177°C)

**TYPICAL PROPERTIES**

Penetration, Worked 60 strokes	ASTM D 217	310 – 340
Worked 100,000 Stokes, Change from 60 strokes		+2
Dropping Point	ASTM D 2265	572°F (300°C) min.
Oxidation Stability, psi pressure drop, 100 hours	ASTM D 942	0
Oxidation Stability, psi pressure drop, 500 hours		2
Oxidation Stability, psi pressure drop, 1,000 hours		9
Oil Separation, 77°F (25°C), 24 hours	ASTM D 1742	0.17%
Four Ball EP, Weld Point	ASTM D 2596	500 Kgf.
Four Ball EP, LWI	ASTM D 2596	65
Four Ball Wear, Scar diameter	ASTM D 2266	0.39 mm
Timken OK Load	ASTM D 2509	65 lbs.
Corrosion Protection	ASTM D 1743	Pass
Water Washout, 175°F (79°C)	ASTM D 1264	2.75%
Base Oil Properties	ASTM D 445	
Viscosity, 210°F		156 SUS
Viscosity, 100°F		2,600 SUS
Viscosity Index		95 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.

**PRODUCT CODE**

CSN1805000

**HEALTH AND SAFETY**

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