

CSN260500

HEAVY DUTY OBCS GREASE

▶ PRODUCT DESCRIPTION

CSN260500 is a state-of-the-art product which is characterized by exceptional mechanical stability. The very high load carrying ability, excellent resistance to water, oxidation and corrosion, and outstanding performance in a wide temperature range, make it a high performance premium grease. It contains no heavy metals or other harmful or environmentally undesirable additives, such as phosphorus, chlorine, zinc, phenols, antimony, barium or lead. Recommended applications include: marine equipment, heavy mobile equipment, cables exposed to saltwater, paper machine (wet and dry end bearings), slab mills/steel mills roller bearings, centralized lube systems or auto lube service shops.

TYPICAL PROPERTIES

ISO VG		220
NLGI Grade		2
Thickener Type		OBCS
Texture		Buttery
Appearance		Smooth
Color		Tan
Operating Temperature Range		-20° to 350°F (-29° to 177°C)
Penetration, Worked 60 Strokes	ASTM D217	265 – 295
Worked 10,000 Strokes Change from 60 Strokes		-1
Worked 100,000 Strokes Change from 60 Strokes		+2
Dropping Point	ASTM D2265	572°F (300°C) min.
Oxidation Stability, psi Loss, 100 hours	ASTM D942	0
Oxidation Stability, psi Loss, 500 hours		2
Oxidation Stability, psi Loss, 1,000 hours		9
Four Ball EP, Weld Point	ASTM D2596	500 Kgf.
Four Ball EP, LWI	ASTM D2596	65
Four Ball Wear, Scar Diameter	ASTM D2266	0.39 mm
Timken OK load	ASTM D2509	65 lbs.
Corrosion Protection	ASTM D1743	Pass
Water Washout, 175°F (79°C), Loss	ASTM D1264	1.75%
Oil Separation, 77°F (25°C), 24 hours	ASTM D1742	0.17
Fretting Wear, Loss	ASTM D4170	0.5 mg
Salt Fog Test	ASTM B117	4,000 hours
Roll Stability, Pen	ASTM D1831	+2
Wheel Bearing Leakage, Modified, 325°F (163°C)	ASTM D1263	0.40 grams
Base Oil Characteristics	ASTM D445	
Viscosity, 100°C		18.5 cSt
Viscosity, 40°C		220 cSt
Viscosity Index		95
Pour Point	ASTM D97	5°F (-15°C)
Flash Point	ASTM D92	450°F (232°C) typical

PRODUCT CODE

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HEALTH AND SAFETY

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