

TECPLEX®

2460TK HIGH VISCOSITY, HEAVY DUTY CORROSION RESISTANT GREASE

HEAVY DUTY SERIES

TECPLEX® 2460TK provides heavy duty protection to a wide range of off-road equipment and other industrial machinery in the mining industry. Developed by a team of engineers employing next-generation calcium sulfonate grease technology, this product lubricates while protecting from salt and corrosion using Daubert's proven military-grade rust preventive chemistry. This formulation is supplemented with a unique polymeric structure to improve water resistance in extremely wet outdoor environments.



TYPICAL APPLICATIONS

- Shovel pins and bushings
- Diamond drill rods
- Heavy duty equipment such as cranes, shovels, and various off-road vehicles.
- Motor operated valves with significant water intrusion.
- Couplings with high centrifugal forces

KEY FEATURES

- Grade 2, ISO 460 Formulation.
- Inherent protection from rust and corrosion.
- Maximum resistance to centrifugal forces, water spray off and washout... leveraging a unique polymer-thickener matrix that keeps the grease in place.
- Outstanding high-temperature properties.
- Mechanically stable... virtually no consistency change during/after usage.
- Environmentally friendly formulation contains no antimony, barium, chlorine, phosphorus, zinc or free sulfur.



**COAST LUBRICANTS
& INDUSTRIAL SUPPLY**



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PHYSICAL PROPERTIES

TEST METHOD

TYPICAL VALUES

NLGI Grade	ASTM D217	2
Color	Visual	Tan
Texture	Visual	Smooth, Tacky
Dropping Point, °C	ASTM D2265	316°C +
Worked Penetration, 60 Double Strokes, dmm	ASTM D217	265 - 295
Mechanical Stability		
Worked Penetration 10,000 Double Strokes, % Change	ASTM D217	< 3.0
Worked Penetration 100,000 Double Strokes, % Change	ASTM D217	< 3.0
Worked Penetration 10,000 Double Strokes with 10% Water, % Change	ASTM D217	< 3.0
Roll Stability, % change	ASTM D1831	< 3.0
4-Ball EP:LWI, kgf	ASTM D2596	60
Weld Point, kg	ASTM D2596	500
Bearing Rust Protection	ASTM D1743	Pass
Salt Fog Corrosion, 1 mil d.f.t., hours	ASTM B117	>1000
Wheel Bearing Leakage, grams	ASTM D4290	< 1
Bearing Life Performance, hours	ASTM D3527	> 100
Bomb Oxidation, 100 hours @ 99°C, PSI Drop	ASTM D942	< 1
Water Washout, % removed	ASTM D1264	< 1
Water Spray Off, % removed	ASTM D4049	< 5
Oil Separation, % loss	ASTM D1742	<0.5
Copper Strip Corrosion	ASTM D4048	1b
Base Oil Viscosity, cSt	ASTM D445	
@ 100°C		30.6
@ 40°C		460
Viscosity Index		97.5
Emcor Corrosion, 3% NaCl	ASTM D6138	2,2

REFER TO MATERIAL SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION.

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