

# TEC PLEX<sup>®</sup>

## 2220 HEAVY DUTY CORROSION RESISTANT GREASE

### HEAVY DUTY SERIES

**TEC PLEX<sup>®</sup> 2220** provides heavy duty protection to a wide range of vehicles and small motors. 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. Our unique thickener matrix uses no polymers, known to create deposits on gears and other precision parts at high temperatures and speeds. Showing unparalleled stability under high shear and high temperatures, **TEC PLEX<sup>®</sup> 2220** changes what's achievable in mechanical design.



### TYPICAL APPLICATIONS

- Industrial gear boxes
- Wheel bearings
- Heavy duty equipment such as cranes, shovels, and various off-road vehicles.
- Motor operated valves
- General chassis lubrication

### KEY FEATURES

- Grade 2, ISO 220 Formulation.
- Inherent protection from rust and corrosion.
- Exceptional resistance to water spray off and washout, without the use of polymers.
- 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.



**DAUBERT**  
CHEMICAL COMPANY, INC.



**AUTHORIZED DISTRIBUTOR**  
Southern Africa Region

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PHYSICAL PROPERTIES	TEST METHOD	TYPICAL VALUES
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NLGI Grade	ASTM D217	2
Color	Visual	Tan
Texture	Visual	Smooth
Dropping Point, °C	ASTM D2265	316°C +
Worked Penetration, 60 Double Strokes, dmm	ASTM D217	265 - 295
Mechanical Stability		
<i>Worked Penetration 10,000 Double Strokes, % Change</i>	ASTM D217	< 3.0
<i>Worked Penetration 100,000 Double Strokes, % Change</i>	ASTM D217	< 3.0
<i>Worked Penetration 10,000 Double Strokes with 10% Water, % Change</i>	ASTM D217	< 3.0
Roll Stability, % change	ASTM D1831	< 3.0
Timken OK Load, kg	ASTM D2509	29.5
4-Ball EP:LWI, kgf	ASTM D2596	60
Weld Point, kg	ASTM D2596	500
4-Ball Wear, mm	ASTM D2266	0.50
Fretting Wear, mg	ASTM D4170	< 4
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	> 130
Bomb Oxidation, 100 hours @ 99°C, PSI Drop	ASTM D942	< 1
Water Washout, % removed	ASTM D1264	< 1
Water Spray Off, % removed	ASTM D4049	30
Oil Separation, % loss	ASTM D1742	<0.5
Copper Strip Corrosion	ASTM D4048	1b
Base Oil Viscosity, cSt	ASTM D445	
@ 100°C		18.9
@ 40°C		220
Viscosity Index		96
Emcor Corrosion, 3% NaCl	ASTM D6138	2,2

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

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