

TEC PLEX[®]

2100S-H1

SYNTHETIC FOOD GRADE CORROSION RESISTANT GREASE

FOOD GRADE SERIES

PHYSICAL PROPERTIES

TEST METHOD

TYPICAL VALUES

NLGI Grade	ASTM D217	2
Color	Visual	Off-White
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	25
4-Ball EP:LWI, kgf	ASTM D2596	50
Weld Point, kg	ASTM D2596	400
4-Ball Wear, mm	ASTM D2266	0.50
Fretting Wear, mg	ASTM D4170	< 10
Bearing Rust Protection	ASTM D1743	Pass
Salt Fog Corrosion, 1 mil d.f.t., hours	ASTM B117	> 500
Wheel Bearing Leakage, grams	ASTM D4290	< 3
Bearing Life Performance, hours	ASTM D3527	> 150
Bomb Oxidation, 100 hours @ 99°C, PSI Drop	ASTM D942	< 1
Water Washout, % removed	ASTM D1264	< 1
Oil Separation, % loss	ASTM D1742	< 0.5
Copper Strip Corrosion	ASTM D4048	1b
Base Oil Viscosity, cSt	ASTM D445	
@ 100°C		13.8
@ 40°C		100
Viscosity Index		139
Pour Point °F		< -40

REFER TO SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION.

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