

ThixOsyn²

PowerUp ThixOsyn is specifically engineered to provide outstanding results in the most extreme conditions. The incredible flexibility in performance allows the grease to be used in both high and low speed operation and is the ideal application for centralized lube systems. Operates efficiently under extreme loads and pressures.

ThixOsyn demonstrates outstanding sheer stability, and exhibits a broad temperature range (-40°C to >250°C) dependant on application requirements.

Proven to deliver performance in mining, industrial manufacturing, railway, marine, agriculture, forestry and construction industries.

ThixOsyn uses an advanced thickening agent (Over-based Calcium Sulfonate) with PAO base oil and superior additive technology which exhibits a water resistance in excess of 20 times that of conventional grease thickeners.

NLGI GC-LB



ThixOsyn: For use in centralized greasing systems and as a multipurpose high performance grease to provide protection over a broad range of conditions.

PART#: **3289-5 (400g Tube)** **3224-1 (55kg Keg)**
 3288-1 (17kg Pail) **3287-1 (180kg Drum)**

TYPICAL PROPERTIES	ASTM METHOD	ThixOsyn
NLGI Consistency Grade		no. 2
Appearance		Tan, Smooth, Buttery
Worked Penetration (60 Strokes - mm/10)	D 217	280
Dropping Point (°C)	D 2265	>300 (572 °F)
Oil Separation (% loss)	D 1742	0.2%
BASE OIL PROPERTIES		
Viscosity @ 40°C (cSt)	D 445	50
Viscosity @ 100°C (cSt)	D 445	8.4
Viscosity Index	D 2270	144
Specific Gravity	D 1298	n/a
Density @ 20°C (g/mL)	D 1298	n/a
Pour Point (°C)	D 97	n/a
PERFORMANCE TESTING		
Timken OK Load (kg)	D 2509	30 (66 lbs)
4 Ball EP - Load Wear Index	D 2596	79.26
4 Ball EP - Weld Point (kgf)	D 2596	500
4 Ball Wear (mm)	D 2266	0.42
Bearing Life	D 3527	220
Salt Fog Corrosion (1 mil d.f.t hr)	D 1264	>300
Low Temperature Torque (Nm @ -40°C)	D 1478	0.785
Bomb Oxidation @ 1000 hrs	D 942	6.0
Corrosion Prevention	D 1743	PASS

