

# ThixOfood

ThixOfood (food grade grease) is a high performance food grade grease that excels in extreme conditions.

Combining advanced EP/AW chemistry provides superior high load and extreme pressure protection to over 1.4 GPa without the use of solid lubricants such as molybdenum compounds.

ThixOfood's unique chemistry provides excellent low temperature pumpability, superior stability at high temperatures and has a high dropping point. Suitable for plain and anti-friction bearings, slides, guides, beverage processing such as seamers and closers and moving parts

**ThixOfood:** For use as a multipurpose grease in food processing or machinery applications requiring a grease where incidental food contact may occur. High temperature utilization is limited by the oxidation resistance of the white oil and not by the dropping point of the grease.

**PART#: 3175-1 (400g Tube) 3170-1 (17kg Pail)**

TYPICAL PROPERTIES	ASTM METHOD	ThixOfood
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 (% W loss)	D 1742	0.1
<b>WHITE OIL PROPERTIES</b>		
Viscosity @ 40°C (cSt)	D 445	95
Viscosity @ 100°C (cSt)	D 445	10.5
<b>PERFORMANCE TESTING</b>		
Timken OK Load (kg)	D 2509	29.2 (64 lbs)
4 Ball EP - Load Wear Index	D 2596	55
4 Ball EP - Weld Point (kgf)	D 2596	400
4 Ball Wear (mm)	D 2266	0.45
Salt Fog Test (hrs to failure, 1 mil d.f.t)	B 117	>300 hrs
Copper Corrosion	D 4048	1B
Bomb Oxidation (psi drop after 100 hrs)	D 942	5.0
Bearing Life	D 3527	180 hrs
Water Washout (% loss @ 80°C (175°F)	D 1264	0.3
Wheel Bearing Leakage (g loss)	D 4290	1.0
Low Temperature Torque (Nm @ -40°C)	D 4693	11.0
Corrosion Prevention	D 1743	PASS

