

ThixOfood2

ThixOfood2 (food grade grease) is a high-performance food grade grease that excels in extreme conditions.

Combining advanced Extreme Pressure/ Anti Wear (EP/AW) superior high load and extreme pressure protection to over 1.4 GPa without the use of solid lubricants such as molybdenum compounds. Highly compatible with other types of greases.

ThixOfood2: This is an approved NSF H1 registered grease #159557 with certificate #C0499242-01 and meeting FDA 21 CFR 178.3570. For use as a multipurpose grease in food processing or machinery applications requiring 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.

HMA (HALAL) AND KOSHER Certified.



ThixOfood2'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, and beverage processing such as seamer closers and other moving parts.

Excellent efficacy in wet and corrosive environments.



Product ID#	3415-400-30 (400g Tube x 30) 3415-17-1 (17kg Pail)	3415-180-1 (180kg Drum)
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TYPICAL PROPERTIES	ASTM METHOD	ThixOsyn2
NLGI Consistency Grade		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
BASE OIL PROPERTIES		
Viscosity @ 40°C (cSt)	D 445	95
Viscosity @ 100°C (cSt)	D 445	10.5
PERFORMANCE TESTING		
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 177	>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	1.0
Corrosion Prevention	D 1743	Pass

GREASE COMPATIBILITY											
	Thickener	1	2	3	4	5	6	7	8	9	10
1	Ca sulfonate complete		NC	NC	FC	FC	NC	FC	FC	NC	NC
2	Aluminum complex	NC		NC	FC	NC	NC	NC	NC	NC	NC
3	Barium	NC	NC		FC	NC	NC	NC	NC	NC	NC
4	Anhydrous calcium	FC	FC	FC		SC	FC	FC	FC	NC	NC
5	Calcium complex	FC	NC	NC	SC		NC	NC	FC	FC	NC
6	Clay	NC	NC	NC	FC	NC		NC	NC	NC	NC
7	Lithium	FC	NC	NC	FC	NC	NC		FC	NC	SC
8	Lithium complex	FC	NC	NC	FC	FC	NC	FC		NC	SC
9	Polyurea	NC	NC	NC	NC	FC	NC	NC	NC		NC
10	Sodium	NC	NC	NC	NC	NC	NC	SC	SC	NC	

Legend:

FC - Fully compatible

SC - Somewhat compatible: Mixture soften, but remains grease like

NC - Not compatible: Mixtures soften severely and do not remain grease like

All precautions were taken to ensure that the data in this table are correct, however it is recommended that you consult the manufacturer before mixing two different products.