

Overview ▶ TruGrease FG APS 200 is an incidental food contact grease made with 100% PAO synthetic base oil and components. Using BioBlend's next generation calcium sulfonate thickener, this grease provides exceptional properties with only a minimal additive package, allowing the grease to have NSF H1, registration. TruGrease FG APS 200 provides excellent lubrication for a variety of medium-to-heavy duty uses, and is appropriate for most industrial applications. It also provides protection from corrosion while equipment is idle or in storage.



Typical Applications:

- General chassis lubrication, for equipment where incidental food contact or human contact is expected.
- Conveyor bearings and enclosed gears in high humidity food processing environments.
- Packaging equipment in beverage processing facilities such as dairies, breweries, and bottling plants.
- Farm equipment used in the maintaining and harvesting of crops. For customers with strict supplier quality guidelines.

TruGrease FG APS 200 is available in NLGI 1.

Typical Properties ▼

Property	FG APS 200	
Product Code	FTG39200S	
NLGI Grade	ASTM D217	1
Color	Visual	Off White
Texture	Visual	Smooth
Dropping Point °C	ASTM D2265	316°C
Worked Penetration, 60 Double Strokes, dmm	ASTM D217	310-340
Mechanical Stability		
Worked Penetration 10,000 Double Strokes, % Change	ASTM D217	< 3.0
Worked Penetration 100,000 Double Strokes, % Change	ASTM D217	< 3.0
Worked Penetration 10,000 Double Strokes with 10% Water, % Change	ASTM D217	< 3.0
Roll Stability, % change	ASTM D1831	< 3.0
Timken OK Load, kg ASTM D2509 25	ASTM D2509	25
4-Ball EP: LWI, kgf ASTM D2596 50	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	< 2
Oil Separation, % loss	ASTM D1742	< 0.5
Copper Strip Corrosion	ASTM D4048	1b
Base Oil Viscosity @40°C, cSt	ASTM D445	220
Base Oil Viscosity @100°C, cSt	ASTM D445	25.5
Base Oil Viscosity Index		147
Four Ball Wear Scar (mm)		0.54
Four Ball Weld Load (kg)		250
Pour Point °F		< -40

Key Attributes / Approvals ▶



- Grade 1, ISO 220 PAO Base Oil Formulation
- Inherent protection from rust and corrosion
- 100% PAO Base Oil... no mineral oil component
- Wide operating temperature range, and very effective in extremely low temps (-40C and below)
- Mechanically stable. Virtually no consistency change during/after usage
- Environmentally friendly formulation contains no antimony, barium, chlorine, phosphorus, zinc or free sulfur
- NSF H1 Registration Number: 164624

See the Safety Data Sheet (SDS) for emergency, proper handling and disposal information.

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