



Product Bulletin



Gulfplex 1460 Grease

HEAT, WATER & CORROSION RESISTANT

Gulfplex 1460 is calcium sulfonate grease developed to withstand the demanding lubrication requirements often found in steel mills and paper machine equipment. **Gulfplex 1460** is formulated to withstand intense heat while providing excellent protection from extreme pressures while working under heavy loads. This grease is naturally resistant to water washout. In contrast to lithium grease, it provides additional protection to equipment during downtime by absorbing water that could potentially corrode bearings and other parts.

FEATURES AND BENEFITS:

Gulfplex 1460 Grease offers the following key features:

- Excellent resistance to water washout
- Grade NLGI 1, high ISO 460 base oil viscosity
- Superior protection from rust and corrosion
- Environmentally friendly since the formulation contains no heavy metals
- Offers excellent protection from extreme pressure resulting from shock loading

TYPICAL APPLICATIONS:

- **Steel Mills** – ladle turrets, caster segments, work rolls / hot mills and coiler mandrels. Provides very low bleed at high temperatures, provides excellent resistance to sliding wear.
- **Pulp and Paper Mills** – offers excellent protection against corrosion and wear in high moisture environments in both dry and wet end paper machine bearings.
- **Off-Highway** – stands up to shock loading and direct metal-to-metal contact typically found in off-highway and road construction applications. Thickener maintains consistency and EP protection even when exposed to high water ingress.
- **Industrial** – bearings (anti-friction, conveyor, fan, heavily loaded ball bearings) machine tools, presses and rolling mills. Provides excellent lubrication to bearings, roll necks, wear liners and spades.
- **Mining and Oil Field** – heavy duty EP protection, resists water wash out while is environmentally friendly, does not contain harmful additives: antimony, barium, phosphorous or zinc.

AVAILABILITY:

Gulfplex 1460 Grease is available throughout Gulf's marketing area. Your Gulf representative can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853) or visit www.gulflubricants.net



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TYPICAL PROPERTIES:

Gulfplex 1460 Grease

Product Code	Test Method	344022
NLGI Grade	ASTM D-217	#1
Thickener Type	ASTM D-128	Calcium Sulfonate
Base Oil Viscosity, cSt @ 40°C	ASTM D-445	460
Base Oil Viscosity, cSt @ 100°C	ASTM D-445	30.6
Viscosity Index		98
Color	Visual	Beige
Texture	Visual	Smooth
Cone Penetration @ 77°F Worked, 60x	ASTM D-217	310 - 340
Dropping Point, °F	ASTM D-2265	600
Roll Stability, % change	ASTM-1831	<3.0
Timken OK Load, lbs.	ASTM D-2509	60
Four-Ball Wear Test, mm	ASTM D-2266	0.60
Four-Ball EP Test: Load Wear Index (LWI), kgf Four-Ball Weld Point, kgf	ASTM D-2596	60 500
Water Washout, wt.% loss @ 175°F	ASTM D-1264	<2.0
Bearing Life Performance, hours	ASTM D-3527	100+
Wheel Bearing Leakage, gms	ASTM D-4290	<3.0
Copper Strip Corrosion	ASTM D-4048	1B
Bearing Rust Prevention, rating	ASTM D-1743	Pass
Salt Fog Corrosion, 1 mil d.f.t., hours	ASTM B117	>500