



ULTREX[™]

Synthetic Blend Grease NLGI #2 - Hot Weather

BULLETIN 87200e



**Superior protection for equipment
against heavy loads, dirt,
dust, water, and heat.**

PRODUCT OF CHOICE FOR EXTREME APPLICATIONS

Provides Superior Equipment Protection for TESCO Mud Saver Valves.

- Patented Synthetic Blend Calcium Sulfonate Grease
- Protects and Stays in Place Under Severe Load Conditions
- Contains High Concentration of Moly and Graphite to Reduce Heat, Friction and Abrasive Wear.
- Lasts 2 to 5 Times Longer Than Conventional Greases.
- Superior Water Resistance- won't wash out during operation, even when totally submerged.
- Bearing Speeds Up to 20,000RPM's.
- Reduces Grease Inventory to Save Money
- Wide Operating Temperature Range- NLGI #2 Remains Effective To 204°C (400°F) Continuous And 260°C (500°F) Intermittent With Monitored Lubrication, And Down To -23°C (9.4°F).

Meets or Exceeds the Following Performance Requirements:

- US Steel Mill Grease Specifications:
 - Roll Neck Grease, Req. No. 340
 - Extreme Pressure Grease Req. No. 350
 - Extra duty EP Grease Req. No. 352
 - Extreme-Temp. Req. No. 355, 370 & 372
 - Ball and Roller Bearing, Req. No. 371
 - Mill Utility Grease Req. No. 375
- Military Spec. MIL-G-23549C
- Federal Specification VV-G-632a
- CASE 251H EP
- Caterpillar MPGM
- Chrysler MS 3551E
- General Motors Specification GM 6031-M
- DIN 51 825, DIN 51 818

Part Number Order Information:

Case Lot (48 Tubes)	#731141-48T
Bulk 181.4 kg (420 lb) Drum	#731141-400LB
Bulk 54.4 kg (120 lb) Keg	#731141-120LB
Bulk 15.8 kg (35 lb) Pail	#731141-35LB

A TOTAL ADDITIVE PACKAGE THAT SETS IT APART FROM ALL OTHER GREASES

ADDITIVES

Calcium Sulfonate Base

Extremely water resistant, heavier than water to resist washouts even in submerged environments. Withstands high heat and provides additional extreme pressure protection under heavy loads.

Adhesive and Cohesive Polymers, Tackiness Agents

Highly-elastic polymers hold grease together and in place to prevent the entry of contaminants, squeeze-out, channeling and sling-off.

Rust and Corrosion Inhibitors

Blocks out corrosive elements such as acids, water, condensate and steam by forming a protective barrier on equipment surfaces to prevent chemical wear.

Extreme Pressure (EP) Agents

Heat seeking additive which increases the ability of the lubricant to prevent the extreme wear that can occur under loads.

Anti-Wear Agents

Forms a lubricant film on metal surfaces in the presence of heavy loads and high temperatures. Prevents cold welding.

Oxidation Inhibitors

Extends service life of the lubricant by retarding the oxidation or breakdown process.

Shock Load Reducers

Cushions impact to minimize the stress, vibration and chatter that can occur under heavy loads and during start-stop operations.

Friction Reducers

Plates out on metal surfaces to prevent friction and wear under heavy loads.

Molybdenum Disulfide

Layered solid lubricant that plates on metal surfaces to provide excellent protection against wear on heavily loaded surfaces and in dusty, dirty environments.

Graphite

Layered solid that provides added protection at high temperatures and improves lubrication in wet conditions.

PHYSICAL PROPERTIES

PROPERTIES GREEN:	# 2
Penetration ASTM D 217:	288
Multistroke penetration ASTM D 217:	295
Wheel bearing leakage ASTM D 1263:	.3
Water washout ASTM D 1264:	<0.1%
Pressure Oil separation ASTM D 1742:	0.02
Four-ball Index ASTM D 2596:	101
Four-ball (weld) ASTM D 2596:	1000+
Four-ball (wear scar) ASTM D 2596:	0.344
Timken method ASTM D 2509:	70
Rust test ASTM D 1743:	Passed
Copper corrosion ASTM D 130:	1B
Low Temperature Limit:	-23°C (-9.4°F)
Dropping Point ASTM D 2265:	302°C (575°F)
High Temperature Limit:	260°C (500°F)
Base Oil Viscosity @ 40°C (104°F):	110.87

USED FOR:

Heavy industrial equipment exposed to high/low temperatures, high speed wheel bearings, anti-friction bearings, open gears, turbine pumps, paper and pulp mills, steel mills, chemical plants, and waste water plants construction equipment, sewage treatment plants, irrigation equipment, non-domestic water pumps, wet mining, scroll saws, kiln cars high speed wheel bearings, boat trailer bearings, sleeve bearings, chassis, utility trucks, buses, sea-going vessels, coastal and wharf equipment, inland waterway applications.

NOT FOR:

Any application with a continuous temperature exceeding 260°C or 500°F intermittently without monitored lubrication.

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