

EXTREME HIGH PERFORMANCE GREASE

EXG-800

*Available in Regular Style Tubes or "Lube Shuttle" Cartridges.
Lined 120lb Kegs & 55-Gallon Drums.*

EXG-800 Heavy Duty Lithium Grease is an Extreme Pressure, high-quality NLGI #2 grease engineered for all high demanding equipment and industrial applications. Its unique and scientific formulation ensures exceptional performance under extreme conditions, making it a reliable choice for all types of heavy duty machinery and equipment. Extremely versatile for large and small equipment.

Key Features:

Extreme Pressure Tolerance:

EXG-800 has an impressive 800 Kg 4-ball weld point, DIN 51825 KP2 N-20 rating, signifying its remarkable capacity to withstand heavy loads without compromising lubrication efficiency.

Temperature Stability:

This grease exhibits outstanding thermal stability, capable of enduring temperatures ranging from -20°C to 450°F (232°C), ensuring consistent and reliable performance in diverse environments.

Water Resistance and Corrosion Protection:

Its highly water-resistant properties safeguard machinery from moisture-related damage, complemented by rust and oxidation inhibitors that fortify equipment against corrosion, extending its lifespan.

High Load Capacity and Consistency:

Designed to handle heavy loads, **EXG-800** grease is engineered with a high load-carrying capacity, providing vital protection to machinery components. Its consistent, clean, and transparent nature ensures ease of application and prevents hardening, maintaining equipment functionality over extended periods.

Applications:

Crane Boom Sections:

Smooth functioning and prolonged durability of boom sections in crane operations, even under extreme loads. Use a **LubeJet-ECO** spray gun with **EXG-800LS "Lube-Shuttle Cartridges"** to easily apply to crane boom sections.

Construction, Transport, Logging, Mining, and Quarrying:

Superior lubrication for heavy-duty machinery operating in harsh environments.

Agricultural Equipment:

Reliable lubrication for farm machinery, enduring the demands of agricultural operations.

Manufacturing & Industrial Usage:

Enhanced machinery efficiency in industrial and manufacturing settings, preventing premature equipment failure.

Automotive & Off-Road:

Optimal performance and component protection for vehicles operating in rugged terrains or handling heavy-duty tasks.

Recreational Use:

Consistent and robust lubrication for off-road vehicles and recreational machinery.

Areas of Application:

Crane Operations:

- Boom sections
- Load-bearing components
- Internal wear pads and sections
- Outriggers and open gears
- Boom trucks and components

Construction:

- Excavators
- Bulldozers
- Cement mixers
- Cranes

Mining & Quarrying:

- Crushers
- Conveyor belts
- Heavy drilling equipment

Agriculture:

- Tractors
- Harvesters
- Plows
- Tillers
- Combines
- Other Farm Equipment

Manufacturing & Industrial Machinery:

- Bearings
- Gears
- Chains
- Rollers

Automotive & Off-Road Vehicles:

- Trucks
- Trailers
- Earth movers
- ATV/UTVs

Recreational Machinery:

- Dirt bikes
- All-terrain vehicles (ATVs)
- Snowmobiles
- Off-road utility vehicles

Pins, Bushings, and Chassis:

- Ensures smooth operation and longevity of pins and bushings in heavy machinery.
- Protects chassis components against wear and tear, enhancing equipment durability.

U-Joints:

- Provides reliable lubrication for u-joints, preventing friction and reducing wear in driveshaft assemblies.

Assembly Grease:

- Ideal for assembly applications where superior lubrication and protection against extreme pressures are required. Ensures proper component seating and minimizes wear during initial operation.

Not Recommended for Electrical Motor Bearings:

While suitable for a wide range of heavy-duty applications, it's important to avoid using **EXG-800** in electrical motor bearings due to specific lubrication requirements unique to such components.

EXG-800 Heavy Duty Lithium Grease stands as a testament to reliability, durability, and versatility, catering to the lubrication needs of heavy machinery across industries, ensuring optimal performance and extended equipment life.

Typical Properties

TYPE	DESCRIPTION : NLGI GRADE #2
Color	Transparent Blue
Texture	Smooth and Tacky
Dropping Point: (D 2265) (C°)	450°F (240° C)
4 ball weld, (D-2596) kg	800
4 ball wear, (D-2266) scar dia. mm	.44
Worked Penetration, @77F (D-217)	280
Load wear index, kg	150
Timken EP Test (ASTM D-2782) OK Load, lbs.	>70
Rust Prevention (D-5969)	PASS
Rust Test (ASTM D-665) Procedure A (Distilled Water)	PASS
Rust Test (ASTM D-665) Procedure B (Salt Water)	PASS
Base Oil Viscosity @ 40°C / mm ² /s	220-225
Wheel Bearing Life Test – Hours to Failure After 100 hrs. Oxidation Bomb Test (ASTM D-3527)	Exceeds GC-LB Requirements
DIN 51825 KP2 N-20	Specifications and Approvals

Available Options:

Regular Grease Tubes 40 Tube Case - 1 Pallet (40 Cases / 1600 Tubes) - 120 lb Keg - Lined or Unlined 55-gal Drums - Lined or Unlined - Plastic Screw on Shuttle Tubes – (40 Tube Case)

Plastic Cartridges (Part# EXG-800LS) Fit “LUBEJET-ECO” and “Lube-Shuttle” Grease Guns.



Lube-Shuttle is a registered trademark of MATO
Safety Data Sheet Available on Request.