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**TECHNICAL DATA SHEET**

# HB-515

## TUFFGUARD W/TEFLON®

Multi-Purpose Extreme Pressure Grease

### DESCRIPTION:

- Heavy-duty, truly multi-functional grease
- Designed for exceptional mechanical stability
- Excellent extreme-pressure and high-temperature capabilities
- Superior impact resistance, chemical and water resistance
- Fortified with sub-micron size polytetraflourethylene (TEFLON);
  - for added assurance that bearings will be protected during extreme low and high temperatures
  - TEFLON additives readily adhere to bearings and other metal surfaces
- Lubricating values from -450°F to +400°F
- Bearing life will be increased, down time and frictional drag reduced
- Actual tests have proven HB-515 to be cleaner, more efficient, and less wasteful than conventional lubricants.
- Manufactured from carefully selected base stocks to meet the most critical industrial and commercial requirements
- Will not break down under the most severe load applications because of its unique "double grind" process in manufacturing.
- HB-515 performs in the temperature range of -10°F to +450°F for continuous runs and up to 550°F for intermittent runs
- Polarity of this excellent grease provides greater metal adhesion and protection from corrosive atmospheres including strong acids and alkalies.

### Bearing and other metal surfaces are further protected with:

Anti-Wear Agents  
High VI Base Stock  
TEFLON

Corrosion Inhibitors  
Rust Inhibitors

Extreme Pressure Agents  
Stabilizing agents

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## HB-515 TUFFGUARD continued...

### AREAS OF USE:

As a multipurpose, extreme pressure grease HB-515 has an extremely wide range of applications. It is particularly recommended for:

Ball Joints	Ball Bearings	Chassis	Fifth Wheels
King Pins	Open Winches	Oven Conveyors	Pillow Blocks
Roller Bearings	Springs	Shackles	Shakers
Sleeve Bearings	Slides	Universal Joints	Water Pumps
Wheel Bearings			

### HB-515 has been used with great success in the following areas;

Heavy Industrial Equipment	Combines	Buses
Farm Implements	Cranes	Steel Mills
Tractors	Draglines	Rock Crushers
Trucks	Bottling Plants	Lumber Mills
Transport Equipment	Construction Equipment	Oil Refineries
Commercial Equipment	Bulldozers	Oil Field Equipment

### Specifications:

NLGI Number	2
ASTMI Penetration (60)	265+5%
ASTM-D 1263-61 Wheel Bearing Test	
Grease Leakage	
Condition	Excellent
Ford Wheel Bearing Test	Pass
ASTM Dropping Test	Non-Melt
Timken E.P. Test Load	60
Hot Shell Roll Penetration mmX 10	
Initial	240
Final	310
Water Resistance	Excellent
Acid Resistance	Excellent
Viscosity Index of Oil	95

### SAFETY:

Label use directions should be followed carefully. OSHA Material Safety Data Sheet available.