



MOLY 880 CROWN & CHASSIS® GREASE

- **EXCELLENT EXTREME PRESSURE QUALITIES**
- **DRY FILM LUBRICATION**
- **ADHESIVE AND COHESIVE**
- **WATER RESISTANT**
- **VERSATILE**
- **LOWERS GREASE CONSUMPTION**

By combining our most popular grease, 880 Crown and Chassis, with an exceptional dry film lubricant, molybdenum disulfide, Texas Refinery Corp has once again developed a grease to meet special application needs for today's equipment. The end result is one of the most advanced multi-purpose lubricants available.

MOLY 880 CROWN & CHASSIS® GREASE Has Excellent Extreme Pressure Qualities

With a Timken OK Load Rating of 80 lbs. minimum, MOLY 880 CROWN AND CHASSIS is truly an outstanding extreme pressure grease. It's ideal for the severest of applications or the simplest day to day operations. Its superiority really shines when there is a surface that turns, slides or has an oscillating motion or where there are heavy shocks or loads present. The more severe the situation the better MOLY 880 CROWN AND CHASSIS performs.

MOLY 880 CROWN & CHASSIS® GREASE Contains The Best Dry Film Lubricant Known

The molybdenum disulfide used in TRC greases conforms to military specification MIL-M-7866. With a minimum of 5% molybdenum disulfide, MOLY 880 CROWN AND CHASSIS provides the ultimate protection against metal to metal contact. Molybdenum disulfide, when plated out on metal surfaces, can withstand up to 500,000



Heavy equipment manufacturers indicate repair cost can be reduced 50% by using 5% molybdenum disulfide in excellent greases like MOLY 880 CROWN & CHASSIS®.

lbs. of pressure per square inch. Thus, MOLY 880 CROWN AND CHASSIS helps reduce scuffing, galling, and wearing of metal surfaces. By reducing wear and friction, bearings operate cooler and last longer, and downtime is reduced dramatically.

MOLY 880 CROWN & CHASSIS® GREASE Is Adhesive and Cohesive

Specially formulated to "stay put," MOLY 880 CROWN & CHASSIS® provides outstanding protection against metal-to-metal contact. Its adhesive qualities allow it to cling to metal, not only providing excellent lubrication, but also sealing out dust and moisture. MOLY 880 CROWN & CHASSIS® combats rust and corrosion.

The cohesive qualities of MOLY 880 CROWN & CHASSIS® help it to resist pulling apart. Its special "tackiness" additives give it virtually unequalled ability to avoid slinging off moving or spinning surfaces.

MOLY 880 CROWN & CHASSIS® GREASE Is Water Resistant

Its special adhesive and cohesive qualities help MOLY 880 CROWN & CHASSIS resist washing off even when used for marine-related applications. It is highly water resistant, making it excellent for use in trenching operations as well as construction where water and moisture are encountered. It clings to metal surfaces, sealing out moisture which helps avoid rusting, corrosion, and seizing.

MOLY 880 CROWN & CHASSIS® GREASE

Is Versatile

An outstanding multi-purpose grease, MOLY 880 CROWN & CHASSIS® is ideal for any application requiring a standard grease or an extreme pressure lubricant. It's excellent for use on bearings, sealed or open, high or low speed. It's very effective when used as a chassis lubricant, for ball joints, fifth wheels, and universal joints. Crane bearing pins, cam and slide mechanisms, and open gears can all benefit from the use of MOLY 880 CROWN & CHASSIS®.

Excellent for use on surfaces that turn, slide or have an oscillating motion, MOLY 880 CROWN & CHASSIS® may safely be used for most applications where operating temperatures do not exceed 275°F.

MOLY 880 CROWN & CHASSIS® GREASE

Lowers Grease Consumption and Reduces Maintenance Cost

Its special qualities of "staying put" under extreme pressure along with its ability to resist slinging or washing out because of water, make MOLY 880 CROWN AND CHASSIS a truly economical multi-purpose grease. Combine this with a minimum of 5% molybdenum disulfide and grease consumed will be dramatically reduced as will repair and maintenance cost. MOLY 880 CROWN AND CHASSIS provides exceptional protection while extending relubrication intervals - - thus greatly reducing inventory requirements.

SPECIFICATIONS

MOLY 880 CROWN & CHASSIS® GREASE

NLGI # 1 Product Code #8398/Case of Tubes #8399

NLGI #2 Product Code #8400/ Case of Tubes #8401

NLGI	#1	#2
Penetration: Worked 60 Strokes Control Range (ASTM D217-52T)	310-340	265-295
Dropping Point	310°F (154°C)	310° F (154°C)
Texture	Stringy	Stringy
Water Resistance	Excellent	Excellent
Water Washout @ 79° C (ASTM D-1264)		1.3%
Rust and Corrosion Inhibitors	Yes	Yes
Stability by Penetration . . . after 100,000 worked strokes (ASTM D217-52T)	317	275
Pumpability in Hand Operated Grease Gun (ASTM D1092)	Slow at -15° F	Slow at -5° F
Color	Gray	Gray
Dry Film Lubricant	Molybdenum Disulfide 5%, Minimum	Molybdenum Disulfide 5%, Minimum
Moly meets MIL-M-7866	Yes	Yes
Timken, OK Load	80 pounds minimum	80 pounds minimum
4 Ball Wear Test (ASTM D-2266)	0.25 mm	0.25 mm
Unit Load, P.S.I.	29,000	29,000
Wheel Bearing Leakage Tendency Test	Pass	Pass
Maximum Operating Temperature	275°F (135°C)	275° F (135°C)
Base Oil - Typical		
Flash Point, °F.	440	440
Fire Point, °F.	490	490
Pour Point, °F.	0	0
Viscosity Index	95	95

Handling Information: For safe handling of the product, read the Safety Data Sheet (SDS).

880 CROWN & CHASSIS® is a registered trademark of Texas Refinery Corp.

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PRINTED IN U.S.A. 2/2016
L308400