



ISO-9001 Registered Quality System.  
ISO-21469 Compliant.

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## PRODUCT DATA

# LUBRIPLATE "730" SERIES

## DESCRIPTION

LUBRIPLATE "730" Series is a most versatile multipurpose series of lubricants recommended for industry, construction, transportation, mining and other related types of manufacturing and material handling.

## APPLICATIONS

LUBRIPLATE no. 730-2 has been tested for its film strength durability under excessive high heat conditions.

### ASTM D-2266

- ⇨ Steel on Steel Wear
- ⇨ 1 hour
- ⇨ 1200 RPM
- ⇨ 40 kg. 52100 Steel
- ⇨ 400°

**Competitive Non-Melt EP Grease** – 1.73 mm Scar

**LUBRIPLATE No. 730-2** – 0.83 mm Scar

## ADVANTAGES

- ⇨ Reversibility after high-heat, high shear conditions
- ⇨ Excellent sealing capabilities under high-moisture conditions
- ⇨ Wide operating temperature range
- ⇨ Chemical resistant
- ⇨ Non-corrosive, oxidation resistant
- ⇨ High-load carrying capability

## STORAGE RECOMMENDATIONS

- ⇨ Products should be stored between 40°F-120°F
- ⇨ Products should be stored in a dry covered environment
- ⇨ Products should not be stored in warm, direct sunlight
- ⇨ Improper storage conditions can significantly alter the shelf life of the product. Such conditions would include temperature, moisture, open containers, etc.

## Typical Test Data

| PROPERTY                              | TEST METHOD | TYPICAL RESULTS* |                  |                  |
|---------------------------------------|-------------|------------------|------------------|------------------|
|                                       |             | 730-2            | 730-1            | 730-0            |
| Type of Base                          |             | Aluminum Complex | Aluminum Complex | Aluminum Complex |
| NLGI No.                              |             | 2                | 1                | 0                |
| Worked Penetration                    | ASTM D-217  | 265/295          | 310/340          | 355/385          |
| Worked Penetration @ 77°F: 60 Strokes | ASTM D-217  | 266              | 310              | 363              |
| 10,000 Strokes                        | ASTM D-217  | 272              | 316              | 377              |
| 100,000 Strokes                       | ASTM D-217  | 317              | 340              | 400              |
| Dropping Point                        | ASTM D-566  | 560°F/<br>293°C  | 540°F/<br>282°C  | 465°F/<br>240°C  |
| Viscosity SUS @ 100°F                 | ASTM D-2161 | 800              | 800              | 800              |
| cSt @ 40°C                            | ASTM D-445  | 151              | 151              | 151              |
| SUS @ 210°F                           | ASTM D-2161 | 77               | 77               | 77               |
| cSt @ 100°C                           | ASTM D-445  | 14               | 14               | 14               |
| Flash Point, °F                       | ASTM D-92   | 510              | 510              | 510              |
| Pour Point, °F                        | ASTM D-97   | -10              | -10              | -10              |
| Timken E.P. Test - OK Load            | ASTM D-2783 | 45 lbs.          | 40 lbs.          | 35 lbs.          |
| Four Ball E.P. Test - Weld Load       | ASTM D-2596 | 280 kg.          | 220 kg.          | 200 kg.          |
| Load Wear Index                       | ASTM D-2266 | 53.2             | 44.2             | 41.2             |
| Norma Hoffman Oxidation Bomb          | ASTM D-942  | 3-1/2 psi        | 3-1/2 psi        | 3-1/2 psi        |
| Color                                 | Visual      | Off-White        | Off-White        | Off-White        |

## PACKAGING AVAILABLE

|                               | <b>730-2</b> | <b>730-1</b> | <b>730-0</b> |
|-------------------------------|--------------|--------------|--------------|
| 35 lb. Pail                   | L0085-035    | L0084-035    | L0083-035    |
| 120 lb. Quarter Size Drum     | L0085-039    | L0084-039    | L0083-039    |
| 420 lb. Full Size Drum        | L0085-040    | L0084-040    | L0083-040    |
| Carton, 40/14½ oz. Cartridges | L0085-098    | ***          | ***          |