



# PRODUCT DATA SHEET

## EAJ 7002 EPMG HIGH PERFORMANCE MOLY GREASE

AUTO / IND GRADE

### Product Description

This grease is a premium grade grey-black Moly-lithium complex grease. It contains special functional additive molybdenum disulfide which will impart a long-lasting film on working surfaces. It also resists water washing and has excellent anti wear properties resulting from the solid lubricant effect of the Moly. The molybdenum disulfide also serves as a running in and smoothing agent.

### Product Application

EAJ 7002 EPMG is recommended for high load and high temperature industrial and automotive machineries. It is excellent for lubricating motors, trucks, trailers, construction equipment, open gears, CV / Plugging / Fixed ball joints, anti-friction / clutch / plain bearings, chains/conveyer chains, pins, bushes and where heavy load, strong vibration and water contamination may be a problem.

## TYPICAL PHYSICAL PROPERTIES

| PROPERTY                                  | TEST METHOD | TYPICAL VALUES       |
|---|-------------|----------------------|
| NLGI GRADE                                | ASTM D-217  | 2                    |
| WORKED PENETRATION @ 25°C / 77°F          | ASTM D-217  | 265 - 285            |
| APPEARANCE                                | ROOM TEMP.  | Soft                 |
| THICKENER/ SOAP TYPE                      | -           | Lithium Complex Moly |
| MOLYBDENUM DISULFIDE                      | -           | 5%                   |
| COLOUR                                    | VISUAL      | Grey Black           |
| EXTREME PRESSURE                          | -           | Yes                  |
| DROPPING POINT                            | ASTM D-2265 | 260°C / 500°F +/- 5  |
| VISCOSITY INDEX                           | ASTM D-2270 | 95 - 108             |
| WATER RESISTANT                           | -           | Yes / Good           |
| OIL SEPARATION, 7 DAYS at 40°C, STATIC, % | DIN 51 817  | 1 - 5                |
| COPPER CORROSION, 24HRS @ 100°C           | ASTM D-4048 | 1b                   |
| STEEL CORROSION TEST                      | ASTM D-1743 | Pass                 |
| 4-BALL WEAR, MM                           | ASTM D-2266 | <0.47                |
| 4-BALL EP WELD LOAD, KGS                  | ASTM D-2596 | Approx. 400          |
| PERFORMANCE LEVEL MEET                    | DIN 51502   | KPF 2N-20            |

|  |  |
|--|--|
| <b>TEMPERATURE RANGE</b>   | <b>CAUTION:</b>  |
| -20°C to 140°C [ -4°F to 284°F ]<br><br>Peak temperature up to 230°C [ 446°F ] for short periods | Do not ingest! If this should occur, drink large volumes of water And seek medical attention. Always keep container sealed when not in use. Keep out of reach of children. |

This information is our best knowledge, true & accurate, subjected to change without prior notice due to continual product research and development. All recommendations or suggestions are without guarantee since the conditions of use are beyond our control. The manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty of immunity against patent infringement.





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### Other Information

#### Available Product Grade

000, 00, 0, 1, 2, 3 - upon client request

#### Safety Data Sheet

Safety data sheet can be requested via website [www.toyointernational.com](http://www.toyointernational.com) or you may also can get them from your local agent / supplier.

SDS Number: GP09-05-2

#### Storage and Handling

This product shall be ideally stored in a cool, dry location in unopened containers. Suggested temperature between 8°C to 28°C (46°F to 82°F) unless otherwise labeled.

Stirring is recommended in order to prevent ingredients from separating.

#### Shelf Life

With good practicing on storage, the minimum shelf life from the batch number approx. 3 years or 36 months

Condition of the product must in the original unopened containers.

#### Available Packing Sizes

#### Part Number # NLGI 2

#### Packing Type

|           |                                    |            |                |
|-----------|------------------------------------|------------|----------------|
| Cartridge | 400 gm                             | 8696G-0526 | 24 pcs per box |
| Cartridge | 450 gm (only available in AUS, NZ) | 8696G-1292 | 12 pcs per box |
| Tub       | 500 gm (only available in AUS, NZ) | 8696G-0100 | 12 pcs per box |
| Tub       | 1 kg                               | 8696G-0527 | 12 pcs per box |
| Tub       | 2 kg                               | 8696G-0528 | 9 pcs per box  |
| Tub       | 3 kg                               | 8696G-0529 | 4 pcs per box  |
| Pail      | 15 kg                              | 8696G-0530 |                |
| Drum      | 180 kg                             | 8696G-0531 |                |

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