



MFRS OF : AUTOMOTIVE & INDUSTRIAL GREASES,  
OILS & SPECIALITIES

## PRODUCT DATA SHEET

# SYNTHETIC LITHIUM COMPLEX GREASE

### Description :

Synthetic Lithium Complex greases are smooth, homogeneous high performance greases formulated with synthetic base oil and lithium complex soap. These are fortified with special performance additives. Synthetic base fluid give them excellent wide temperature properties. Lithium complex thickener provides excellent structural stability. These greases will lead to reduce wear and high energy savings by reduction in operating temperatures.

### Key Features :

- ⇒ Excellent low temperature and high temperature properties
- ⇒ Excellent oxidation & thermal stability & leads to extended service life
- ⇒ Low coefficient of friction thereby reducing the energy consumption.

### Applications:

Synthetic Lithium Complex greases are recommended for wide temperature applications where heavy loads or shock loads are encountered such as wheel bearings of off highway vehicles. Also suitable for chassis fittings, universal joints in trucks and earth moving equipments.

### TYPICAL DATA

| Tests  | Test Method | Data                 |             |
|--|-------------|----------------------|-------------|
| NLGI GRADE   | -           | 3                    | 2           |
| Appearance   | Visual      | Smooth & homogeneous |             |
| Color  | Visual      | Off white            |             |
| Penetration, 60 strokes  | ASTM D-217  | 220-250              | 265-295     |
| Drop Point, deg C  | ASTM D-2265 | 260                  | 260         |
| Copper strip corrosion, rating   | ASTM D-4048 | 1b                   | 1b          |
| Four Ball weld load, Kg.   | ASTM D-2596 | 250                  | 250         |
| Wear scar dia, mm  | ASTM D-2266 | 0.6                  | 0.6         |
| Water washout test, % loss   | ASTM D-1264 | 5                    | 5           |
| Low Temperature Torque,<br>Starting Torque, gm.cm<br>Running Torque, gm.cm | IP-186      | 4800<br>980          | 4500<br>960 |

### Health and Safety:

Based on the information available, this product is not likely to pose any adverse effects on health provided it is used as per the recommendation. For more information refer MSDS. For disposal, check local regulations and take care to protect the environment.

*The data and information in this is based on our general experience and knowledge. It is given to reader for possible applications. It is the responsibility of the user to use the product safely*

Standard Greases & Specialities Pvt. Ltd.

Manufacturers of Automotive Industrial Grease & Specialities

REGISTERED OFFICE : 101, Ketan Apartments, 233, R.B. Mehta Marg, Ghatkopar (E), Mumbai 400 077. (India) ' 2501 3641 • Fax : 2510 0384