



# LITHIUM COMPLEX V320

## Heavy Duty High Temperature Grease

JP Trust Lithium Complex V320 is a premium multi-purpose grease based on high viscosity index mineral oil combined with lithium complex thickener and contain the latest additives to offer excellent high temperature oxidation performance and other additives to enhance their anti-wear, anti-corrosion and anti-oxidation properties.

JP Trust Lithium Complex V320 is especially suitable for heavy-duty and high speed levels bearings that operating at high temperature and under severe load.

### BENEFITS

- Good extreme pressure properties provide the potential for prolonged component life
- Protects against moisture contamination with excellent water resistance
- Excellent thermal and mechanical stability ensure prolonged product integrity across a wider operating temperature range
- Reduces friction during heavy load

### APPLICATIONS

- Can be used as long life grease in roller bearings, wheel-bearings, universal joints, water pumps, electric motors, couplings, cardan joints and in general wherever high efficiency greases are needed with severe requirements
- Suitable for general automotive, industrial and agricultural lubrication of equipment and off road vehicles



### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

| Test Description                       | Method     | Typical Results |
|----------------------------------------|------------|-----------------|
| NLGI Grade                             |            | 3               |
| Thickener Type                         | -          | Lithium Complex |
| Texture                                | -          | Smooth, Tacky   |
| Colour                                 | Visual     | Blue            |
| Worked Penetration at 25°C             | ASTM D217  | 220 - 250       |
| Dropping Point, °C                     | ASTM D566  | 286             |
| Base Oil Viscosity, cSt at 40°C        | ASTM D445  | 328             |
| Four Ball EP, Weld Point, kgs          | ASTM D2596 | 315             |
| Four Ball Wear Test, Scar Diameter, mm | ASTM D2266 | 0.46            |
| Water Washout, % by wt                 | ASTM D1264 | 0.50 max        |
| Oil Separation, % by wt                | ASTM D6184 | 0.45 max        |
| Cooper Strip Corrosion                 | ASTM D4048 | 1A              |
| Operating Temperature Range, °C        | -          | -10 to 200      |

### HEALTH AND SAFETY

Avoid prolong and repeated skin contact, wear suitable protective clothing and gloves. After skin contact, wash immediately with soap and water. When disposing of used product, be responsible to the environment, do not discharge into drains, soil or water. Take used product to an authorised collection point.