



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		2
Thickener Type	-	Lithium Complex
Texture	-	Smooth, Tacky
Colour	Visual	Blue
Worked Penetration at 25°C	ASTM D217	265-295
Dropping Point, °C	ASTM D566	280
Base Oil Viscosity, cSt at 40°C	ASTM D445	320
Four Ball EP, Weld Point, kgs	ASTM D2596	315
Four Ball Wear Test, Scar Diameter, mm	ASTM D2266	0.45
Water Washout, % by wt	ASTM D1264	0.60 max
Oil Separation, % by wt	ASTM D6184	0.50 max
Cooper Strip Corrosion	ASTM D4048	1A
Operating Temperature Range, °C	-	-10 to 198

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.