

Conditions	EZ Grade Recommendation
Dust	EZ-602 HL , EZ-602 RP-2
Water	EZ-602-2, EZ-602 HL
Shock loads	EZ-602 HL , EZ-602 RP-2
High temperatures	EZ-602 HL, EZ-602 HLM
Very high loads	EZ-602 RP-2
Very high temperature	EZ-602 HLM , EZ-402 HL , EZ-502
Centralised greasing	EZ-602 GL-0 , EZ-602 GL-00
High speed	EZ-602 HS-2 , EZ-602 HS-3
Very high speed	EZ-402 HS
Acidic/ Alkaline resistance grease	EZ-402 HL

### Compatibility Chart

	Al	Al Cx	Ca	Ca Cx	Gel	Li	Li/ Ca	Li. Cx	Polyurea
Al	Green	Green	Red	Red	Red	Red	Red	Green	Yellow
Al Cx	Green	Green	Red	Red	Red	Red	Red	Green	Yellow
Ca	Red	Red	Green						
Ca Cx	Red	Red	Green						
Gel	Red	Red	Green						
Li	Red	Red	Green						
Li/ Ca	Red	Red	Green						
Li Cx	Green								
Polyurea	Yellow								

- Incompatible, clean bearing or gear before changover
- Limited compatability, more frequent regreasing is recommended after change over in order to remove traces of old grease more rapidly.
- Grease is compatible, no special care is required

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ITW India Limited, Plot No. 34 to 37, Phase-2, IDA, APIIC Pashamylaram, Medak Dist. - 502 307(35 km from Hyderabad), A.P. India.  
Telephone: +91-8455-224700, 01, 03, 04, 06, 07, 08. Facsimile: +91-8455-224705. Website: [www.itwchemin.com](http://www.itwchemin.com)

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## Initiating breakthroughs in Grease Manufacturing



*International technology  
n-house manufacturing  
ndian prices*



CAT/EZ/13 # Rev 00: 02/2009

#### EZ-602

**EZ-602** is a multi-purpose high performance grease consisting of lithium complex based thickener and mineral lubricating oils. **EZ-602** is formulated for use on ball and roller anti-friction bearings as well as conventional sleeve bearings. It's superiority in water resistance, oxidation stability, corrosion protection and high dropping point makes it a unique choice for critical applications. **EZ-602** is universal grease for general conditions i.e. open air, moisture, dust, vibration, shock loads, extreme pressures. **EZ-602** is available in NLGI 2 & 1 (EZ602-2 & EZ602-1).

#### EZ-602 HL

**EZ-602 HL** is heavy duty high performance grease consisting of lithium complex thickener and mineral lubricating oil. **EZ-602 HL** is formulated to provide a heavier oil film for applications with excessive loads at slow/medium speeds and high temperature. It's superiority in water resistance, oxidation stability, corrosion protection & high dropping point makes it a unique choice for rugged application requirements associated with steel, cement, mining, chemical, glass, construction & paper industry. It is available in NLGI 2.



#### EZ-602 HLM

**EZ-602 HLM** is heavy duty high performance grease consisting of lithium complex thickener, mineral lubricating oil and molybdenum disulphide solid additives. **EZ-602 HLM** is formulated to provide a heavier oil film for applications with excessive loads at slow/medium speeds and high temperature with extended greasing frequency. **EZ-602 HLM** is suitable for heavy/shock loads, high temperature, water rich environment and high vibration areas. It is available in NLGI 2.



#### EZ-602 HS

**EZ-602 HS** is high performance grease consisting of lithium complex thickener & mineral lubricating oil. **EZ-602 HS** is formulated for use on ball and roller anti-friction high speed bearings. It's superiority in water resistance & oxidation stability, corrosion protection & high dropping point makes it a unique choice for wide range of industrial applications, specially for **electric motor applications**. It is available in NLGI 2 & 3 (i.e. EZ-602 HS-2 & EZ-602 HS-3).

#### EZ-602 RP

**EZ-602 RP** is special high performance grease consisting of lithium complex based thickener and mineral lubricating oils. **EZ-602 RP** is formulated to provide a heavier oil film for applications with excessive load at slow speeds. It's superiority in water resistance, oxidation stability, corrosion protection and high dropping point makes it a unique choice for rugged applications commonly found in the processing of primary metals as well as in cement, construction & mining industries. It is available in NLGI 00 & 2 (i.e. EZ-602 RP-00 & EZ-602 RP-2).

#### EZ-602 GL

**EZ-602 GL** is semi-fluid high performance grease consisting of lithium calcium thickener & mineral lubricating oil. **EZ-602 GL** is formulated for use in centralized system. It's superiority in water resistance, oxidation stability, corrosion protection and high dropping point makes it a unique choice for long term lubrication. **EZ-602 GL** is recommended for lifetime lubrication in small gear units. It is available in NLGI 000, 00 & 0 (EZ602GL-000, EZ-602 GL-00 & EZ-602 GL-0).

#### EZ-402 HS

**EZ-402 HS** is premium performance high speed long life bearing grease consisting of **polyurea based thickener and PAO synthetic base oil**. **EZ-402 HS** is formulated for use on very high speed bearings. It's superiority in water resistance, oxidation stability, corrosion protection and high dropping point makes it a unique choice for critical applications. **EZ-402 HS** is suitable for high speed spindles in textile industry & high speed bearings in CNC machines. It is available in NLGI 2.

#### EZ-402 HL

**EZ-402 HL** is premium performance grease consisting of polyurea thickener and mineral lubricating oils. **EZ-402 HL** is formulated for use on low to medium speed industrial bearings at high temperature

in acidic/alkaline environment. It's superiority in water resistance, oxidation stability, corrosion protection and high dropping point makes it a unique choice for critical applications. It is available in NLGI 2.

#### EZ-502 HL

**EZ-502 HL** is premium performance high temperature extreme pressure grease consisting of lithium complex based thickener and synthetic oil PAO. **EZ-502 HL** is formulated for use on low to medium speed industrial bearings. It's superiority in water resistance, oxidation stability, corrosion protection and high dropping point makes it a unique choice for critical applications with extended greasing frequency. It is available in NLGI 2.

#### EZ-302/1000

**EZ-302/1000** is premier lithium complex grease containing fine grade of graphite and Molybdenum disulphide. It has excellent adhesion to metal surface and highly resistant to water. It's superior corrosion inhibition property enables the grease to perform well in stressed & loaded **open gear spray lubrication system**. EZ302/1000 is suitable for heavily loaded open gears/ girth gears in cement plants, mining industry, coal based power generation units & sponge iron plants. **EZ-302/1000** can be applied manually or with centralized spray / greasing system. It is available in NLGI 00 & 2 (i.e. EZ302/1000-00 & EZ302/1000-2).

#### EZ-202

**EZ-202** wire rope & chain lubricant contains fine grade of molybdenum disulphide for excellent load bearing, corrosion protection & water repelling properties. It is formulated for wire ropes & chains working with all conditions & environment. It penetrates in between the strands of wire rope/links of chains and offers good protection on wear. It is recommended for mining, construction, marine, port, steel and forest industries.

Product	Name Base oil	Thickener	Base oil viscosity At 40°C - CST	NLGI	Application
EZ-602	Mineral	Lithium complex	200	1, 2	All Purpose
EZ-602 HL	Mineral	Lithium complex	460	2	High load/High temperature
EZ-602HLM	Mineral	Lithium complex	460	2	High load/high temperature with improved greasing intervals.
EZ-602 HS	Mineral	Lithium complex	100	2, 3	High speed, high load and high temperature motor bearings
EZ-602 RP	Mineral	Lithium complex	1050	2	Extreme load application i.e. roller press application
EZ-602 GL	Mineral	Lithium complex	220	0,00,000	Centralised greasing & small gear box lubrication
EZ-402 HS	Synthetic	Polyurea	18	2	Textile spindle bearings & very high speed CNC bearings
EZ-402 HL	Mineral	Polyurea	460	2	High temperature and high load critical applications
EZ-502HL	PAO	Lithium complex	460	2	High temperature and high load critical applications with improved greasing intervals
EZ-302/1000-2	Mineral	Lithium complex	1000	2	Open gears in mining, offshore, wind turbine & others
EZ-302/1000-00	Mineral	Lithium complex	1000	00	Girth gear spray lubrication system
EZ-202 wire rope & chain lubricant	Mineral	Bentone	1000	00	Wire rope & chain lubrication

NLGI Grade No.		ASTM worked penetration 60 strokes at 25°C
000	Fluid	445-475
00	Semi-fluid	400-430
0	Very soft	355-385
1	Soft	310-340
2	Medium soft	265-295
3	Medium	220-250
4	Stiff	175-205
5	Very stiff	130-160
6	Block	85-115



High-performance Industrial Grease