

# EZ 612 HL

## Heavy Duty High Performance Grease

**EZ 612 HL** is multi purpose high performance grease consisting of lithium complex based thickener and mineral lubricating oils. EZ 612 HL is formulated to provide a heavier oil film for applications with excessive loading at slow speeds and high temp. It's superiority in water resistance, oxidation stability, corrosion protection and high dropping point makes it a unique choice for rugged application requirements.



### Features & Benefits:

- Excellent wear protection
- Good Rust preventive properties
- Metal passivators for protection of alloy steel
- Higher base oil viscosity, ISO VG 460 , to increase load carrying capacity
- Resistance to hot & cold water and good shear stability
- Oxidation stability extends life even at elevated temperatures

### Tips for better performance:

- Maintaining a clean work environment while greasing the equipment
- Clean the grease fittings prior to grease injection
- Periodic lubrication with fresh grease as per the schedules

### Typical Applications:

- Ideal choice for steel, cement, mining, paper & chemical industry.
- Heavy duty, slow moving plain and rolling element bearings operating in the severe environments under following conditions:
  - Heavy / shock loads
  - High temperature
  - Water rich environments
  - High level of vibrations

### Parameters:

Attributes	Ref. Method	Specification (EZ 612 HL)
Appearance	Visual	Smooth- Tacky
Colour	Internal	Brown colour
NLGI Grade	Grade - 2	Grade - 2
Thickener Type		Lithium Complex
Penetration	ASTM D 217	265-295
Dropping Point °C	ASTM D 2265	200 - 210°C
Base oil viscosity	ASTM D 445	
1. @ 40 °C		460 cSt
2. @ 100 °C		30 cSt
Viscosity Index	Internal	90 - 94
Four Ball - Weld	ASTM D2596	620 Kg
- Scar mm	ASTM D 2296	0.4 mm
Water spray off	ASTM D 1264	Less than 3.0%
Oil Separation %	ASTM D 1742	0
Copper corrosion	ASTM D 90	1B
Rust prevention	ASTM D 1743	Pass

**Note:** For more details on storage and disposal please refer to material safety data sheet

**Storage & Safety:** This product is unlikely to present any significant health or safety hazard when used as recommended. Good standards of personal and industrial hygiene are to be maintained by the user (Refer Safety Data Sheet).

**Disclaimer:** Information contained in this data sheet is based upon the properties and applications of use known to us. However, generally no legal liability may be deducted from such information.

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Speciality Chemicals & Lubricants Manufacturers