



# Delo® Grease ESI HD Moly 5% & 3% EP

## Specialty Heavy Duty Grease

Product Data Sheet

### Customer benefits

#### Protects metal surfaces

Outstanding water washout and spray-off resistance in wet environments and offer excellent shock load EP protection. Unique additive technology makes them tenacious at adhering to metal surfaces while protecting these components from rust and corrosion. Solid lubricants offer shock load protection required in off-road, mining and construction industry.

#### High temperature stability

Lithium complex thickener elevates the dropping point to approximately 265oC making them excellent for use in applications where sustained high operating temperatures are common.

#### Protects against corrosion

Highly effective rust and corrosion inhibitors protect metal surfaces, even under extremely wet conditions.

### Applications

Can Include;

- Off-Road Construction including tractors (dozers), excavators, backhoes, shovels, high lifts, articulated loaders, haul trucks, tri-axle dumps.
- Surface and Underground Mining and Quarry on applications such as plus pins, bushings on buckets, loaders, shovels and continuous miners, shaker screen, crushers, and conveyors.
- Agriculture applications in both general industrial farm and agricultural use. Works well in many applications including three point hitches, high lift pins and bushings
- Heavy Duty On/Off Highway Road, Construction and Maintenance Vehicles on applications such as king pins, bushing and bucket pins, fifth wheels.

*NOTE: not intended for use in high-speed bearing applications such as those found in electric motors due to the greases' high viscosity base stocks formulation*

### Product features:

• **Delo® Grease ESI HD Moly 5% and 3% EP** are multipurpose, high performance products specially formulated for plain and anti-friction bearing applications operating under high stress/high load conditions, coupled with high ambient temperatures typically found in heavy duty off-road applications. Developed as a true contractors product, this line of grease was specifically designed to lubricate and protect equipment that is subjected to demanding conditions.

• **Delo® Grease ESI HD Moly 5% and 3% EP** are manufactured using select, highly refined base oils using a lithium complex thickener system that includes excellent rust and oxidation inhibitors coupled with extreme pressure, tackiness additives and solid lubricants for severe loading conditions.

Grey/black in color and stringy in texture

## Typical key properties

Delo® Grease ESI HD	Test Method ASTM	Moly 5% EP 2	Moly 3% EP 2
NLGI Grade		2	2
Product Code		540954	540956
Molybdenum Disulfide content %		5	5
Dropping Point, °C	D2265	265	265
Oil Viscosity, - mm <sup>2</sup> /s @ 40°C	D445	383	383
- mm <sup>2</sup> /s @ 100°C	D445	25	25
Penetration, Worked @ 25°C	D217	280	280
Timken OK Load, kg	D2509	36.3	36.3
Four Ball Weld Point, Kg	D2596	500	500

## ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit: [www.Caltex.com](http://www.Caltex.com)

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:  
**Chevron Lubricants**  
– Asia Pacific