



Delo® Grease ESI

Heavy Duty Wheel Bearing & Chassis Grease

Product Data Sheet

Customer benefits

Temperature stable

Delo Grease ESI uses a lithium complex thickener system and has a dropping point of approximately 266°C. Delo Grease ESI has excellent high temperature stability up to 177°C.‡ Delo Grease ESI can also be recommended for applications operating down to -18°C.**

Effective water resistance

Natural water resistance of the lithium complex thickener, combined with the additional tackiness additive, prevents water washout.

Protects metal surfaces

High level of anti-wear and extreme pressure additives protect against component damage by wear and shock loading. Highly loaded parts operating under boundary lubrication conditions are protected, giving longer equipment life and improved reliability. Effective rust and corrosion inhibitors protect metal surfaces under conditions of severe water exposure.

Extended service protection

Extended Service Protection to 48,000+ km (30,000+ miles) (or equivalent hours)*

Superb low temperature pumpability†

This product is formulated to perform in unusually demanding conditions of high and low temperatures including good pumpability in a variety of lubrication systems.

Applications

Can include;

- On-highway heavy-duty truck wheel bearings
- On-highway heavy-duty truck chassis lubrication include steering drag links, kingpins, transmission cross shaft spring pins, shackle pins, brake cam shafts, fifth wheel
- Light duty off-road vehicles
- General automotive wheel bearing and chassis lubrication

Operating temperature range: -18 to 177°C‡

‡ Maximum temperature for short term exposure is 177°C (with frequent relubrication).

** Minimum operating temperature is the lowest temperature at which a grease, already in place, could be expected to provide lubrication. Most greases cannot be pumped at these minimum temperatures

* Service intervals of 48,000+ km (30,000+ miles) (or equivalent hours) are recommended for customers who maintain equipment in accordance with OEM requirements for their specific geographic area and specific service of the vehicle.

† As compared to Mid-High Viscosity Base Oil Heavy Duty EP 2 Greases

Product features:

- Delo® Grease ESI is a technically advanced, extended service premium grease for a wide variety of on-highway and light duty offroad applications.
- Delo® Grease ESI is formulated with highly refined base stocks, a lithium complex thickener, rust and oxidation inhibitors, and extreme pressure and tackiness additives.
- Delo® Grease ESI is red in color with a tacky texture.

Product specifications

DELO®GREASE ESI	
KEY PROPERTIES	
NLGI Grade	2
Product Code	540827
Color	Red
Dropping Point, °C	266
Oil Viscosity, - mm ² /s @ 40°C	261
- mm ² /s @ 100°C	21.5
Penetration, Worked @ 25°C	285
Timken OK Load, kg	36.2
Four Ball weld, kg	400
Four Ball wear scar, mm	0.45
(Lithium Complex), m %	11.0

1108

Performance standards

- NLGI Service Category LB

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.delperformance.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



Service Considerations

Delo Grease ESI is designed using high viscosity base oils. These oils offer excellent protection in severe duty, high shock load conditions where typical ambient temperatures are above -18°C (0°F). Before using in applications involving onboard automatic grease dispensing systems in severe cold climate conditions, you should first consult with your equipment OEM specialist or Chevron Lubrication Specialist.

Not recommended for unheated shops where centralized automatic dispensing systems or long manual grease runs are the preferred method of lubrication and normal operating temperatures are consistently below -7°C (20°F).

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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