



# Ultra-Duty® Grease

High performance multipurpose industrial and automotive EP grease

Product Data Sheet

## Product description

Ultra-Duty Grease is a high performance multipurpose industrial and automotive grease, designed for use in very wet, muddy or dusty environments where oil film strength, high adhesion and excellent sealing properties are required to protect in high shock load conditions.

Ultra-Duty Grease has a high viscosity mineral oil base and contains a lithium thickener with special extreme pressure additives and is highly adhesive to optimise wear, rust and oxidation resistance.

## Product benefits

- Excellent oil film strength and EP protection resists wear under severe shock loads
- High adhesion provides high performance protection over extended re-lubrication intervals
- High tackiness grease collar seals bushings preventing dirt, dust and water ingress
- Extremely resistant to water wash-out in very wet or muddy situations
- Optimum rust and corrosion protection in wet or muddy conditions

## Applications

- Construction equipment
- Off-highway construction
- Mining
- Logging and forestry
- Quarrying
- Pulp and paper machinery
- Materials handling equipment
- Dredging equipment
- Offshore oil drilling
- Marine deck equipment
- General industrial greasing

For wheel bearing lubrication of on-highway vehicles, other products that are specifically designed for this application, such as Caltex Delo Starplex, are generally preferred.

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In centralized lubrication systems where pumpability is a primary requirement, it may be necessary to use the NLGI 1 grade (depending on the design of the system).

Usable temperature range in continuous service is:

NLGI 1: -26 to 140°C

NLGI 2: -20 to 140°C

## Service Considerations

Because of the heavy base oil viscosity and outstanding adhesive properties of Ultra-Duty Grease, it is recommended that a heavy follower plate be used in air-driven grease pumps. Depending on pipe sizing and distance, pumping rates will be lower than for conventional greases of the same NLGI grade. It may be necessary to use Ultra-Duty Grease 1 where pumpability is a primary requirement.

## Typical test data

ULTRA-DUTY GREASE KEY PROPERTIES	ASTM	RESULTS	
NLGI Grade		1	2
Product Code		540951	540952
Soap Type		Lithium	Lithium
Base oil type		Mineral	Mineral
Extracted oil viscosity at 40°C, mm <sup>2</sup> /s	D445	400	400
Extracted oil viscosity at 100°C, mm <sup>2</sup> /s	D445	24.3	24.3
Penetration worked, 60x, mm/10		325	280
Dropping point, °C		172	190

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; Africa, Middle East and Pakistan.

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.caltexoils.com](http://www.caltexoils.com).

For more information, go to [www.chevronlubricants.com](http://www.chevronlubricants.com)

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ULTRA-DTY GRSE/SA/PDSv5\_27/09/2018

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