

# Delo<sup>®</sup> Gear EP-4

SAE 90, SAE 140



## Product description

**Delo<sup>®</sup> Gear EP-4** gear lubricants are recommended for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings

## Customer benefits and product features

### Customer benefits

Delo Gear EP-4 delivers value through:

- **Long gear life**  
Extreme pressure properties protect hypoid and other types of gears from scuffing and wear.
- **Rust and corrosion protection**  
Effective inhibitor package protects against rusting or corrosion of gear and bearing surfaces.
- **Excellent foam inhibition**  
Foaming minimized by use of foam inhibitor.
- **Long lubricant life**  
Outstanding thermal and oxidation stability allow high temperature operation with long lubricant life.
- **Seal Protection**  
Formulated to protect against oil seal deterioration.

### Product features

Delo Gear EP-4 are multipurpose lubricants.

They are made from paraffinic base stocks and contain a carefully balanced additive package to provide gear protection and long lubricant life. The sulfur-phosphorus extreme pressure additive technology used in Delo Gear EP-4 provides exceptional thermal and oxidation stability. In addition, this lubricant is fortified with rust and corrosion inhibitors, a foam inhibitor, and a pour point depressant.

The sulfur-phosphorus extreme pressure additives in Delo Gear EP-4 minimize the spalling and wear of gears by creating a microthin sacrificial film on the surface of the gear teeth which is actually softer than the gears themselves. Frictional heat and pressures between gear teeth cause the sulfur-phosphorus to react with the surfaces of the gear teeth at the point of contact, thus creating the sacrificial film. The highly refined base stocks and various inhibitors in the additive package help assure a well-balanced lubricant and long gear and bearing life.

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## Applications

Delo Gear EP-4 are recommended for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings.

## Approvals, performance and recommendations

Delo Gear EP-4 meet the requirements of:

- **API Service Categories** GL-4

## Typical Test Data

DELO <sup>®</sup> GEAR EP-4	RESULTS	
<b>SAE Grade</b>	<b>90</b>	<b>140</b>
<b>Product Code</b>	<b>510409</b>	<b>510410</b>
Density at 15°C	0.894	0.901
Pour Point, °C	-21	-15
Flash Point, °C	180	180
Viscosity, Kinematic		
cSt @ 40°C	190	359
cSt @ 100°C	17.5	26.0
Viscosity Index	99	96

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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 the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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Delo Gear EP-4/PAK/CHV/PDSv1/082024



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