



Delo® Gear EP-5

SAE 80W-90, 90, 85W-140, 140

Product Data Sheet

Customer benefits

Delo Gear EP-5 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.

Features

Delo Gear EP-5 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-5 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-5 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.

Product description:

Delo® Gear EP-5 gear lubricants are recommended for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings.

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Applications

Delo Gear EP-5 are recommended for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings.

Their multiviscosity characteristics allow their use in equipment operating over a broad ambient temperature range. This means good cold flow properties and gear protection.

Delo Gear EP-5 are approved for:

- **SAE J2360** (formerly known as MIL-PRF-2105E, SAE 80W-90 and 85W-140)
- **Volvo 97321**
 - SAE 80W-90 (Approval Nr. 97321-04)
 - SAE 90 (Approval Nr. 97321-02)
 - SAE 85W-140 (Approval Nr. 97321-06)

Delo Gear EP-5 meet the requirements of:

- **API Service Categories** MT-1 and GL-5
- **Mack GO-J** (SAE 80W-90, 85W-140)



Delo® Gear EP-5

SAE 80W-90, 85W-140

continued

Typical test data

DELO GEAR EP-5	RESULTS			
SAE Grade	80W-90	90	85W-140	140
Product Number	510411	510413	510412	510414
Density at 15°C	0.894	0.893	0.905	0.905
Viscosity, Kinematic				
cSt at 40°C	140	180.3	344	394.4
cSt at 100°C	15.0	17.0	25.5	28.3
Viscosity, Brookfield				
cP at -12°C	-	-	56,100	-
cP at -26°C	126,400	-	-	-
Viscosity Index	108	99	97	98
Flash Point, °C	165	190	180	236
Pour Point, °C	-30	-30	-15	-15

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

Produced by Chevron Lubricants; Africa, Middle East and Pakistan.

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