



Delo Gear ESI 80W-90 is a multipurpose automotive EP gear lubricant, also suitable for many industrial applications. It is formulated with ISOSYN base oils and compounded with a unique inorganic borate extreme pressure additive, to provide oil life and wear protection far exceeding conventional gear oils under extreme service conditions.

### APPLICATIONS

- Automotive differentials operating in severe service conditions. Particularly recommended for heavy-duty road transport axles exposed to extreme loads and temperatures.
- Heavy-duty non-synchronised transmissions where the manufacturer recommends the use of API GL-5 or MT-1 gear lubricants.
- Extended drain gear oil applications in on-road and off-road heavy-duty equipment.
- Industrial gear sets and bearings where EP type gear lubricants of this viscosity are recommended.

### BENEFITS

- **Minimises fleet maintenance costs**  
Unique borate additive system significantly reduces friction, resulting in cooler operating temperatures, reduced wear and longer life of bearings and seals.
- **Minimises fleet operating costs**  
Outstanding thermal and oxidation stability extends oil drain capability to more than twice the length of conventional gear oils, even under extreme service conditions. Special low friction properties contribute to reduced fuel consumption.
- **Extends equipment life**  
Patented borate EP technology creates an antiwear film 3 to 5 times thicker than conventional EP additives, providing exceptional protection and longer gear life.
- **Wide temperature application**  
Excellent low temperature flow properties and high temperature stability provide gear and bearing protection under a wide range of operating conditions.

### PERFORMANCE STANDARDS

API	GL-5(self certified)
API	MT-1 (self certified)
SAE	J2360 (approved and listed)
Meritor	O-76Q, O-76R Extended Drain (approved and listed)
Mack	GO-J Plus Extended Drain (approved and listed)
Mack	GO-J (approved and listed)



### TYPICAL CHARACTERISTICS

Product Code	2876
SAE Grade	80W-90
Density at 15°C, kg/L	0.894
Flash Point, °C	215
Pour Point, °C	-33
Timken OK Load, kg	34
Viscosity, cP at -26°C	115,000
Viscosity, at 40°C, mm <sup>2</sup> /s at 100°C, mm <sup>2</sup> /s	140 14.2
Viscosity Index	99

### PACK SIZES

205L, 20L

### Service considerations

Excessive in-service water contamination of Delo Gear ESI should be avoided.

While it will continue to provide excellent wear protection under such conditions, shortened seal life may result. Water contamination may be mitigated through operating or mechanical changes, for example the fitting of remote breather outlets to automotive rear axles. However, if excessive water contamination cannot be avoided, another gear lubricant may provide a more effective solution and it is recommended that you consult your local Chevron representative.

In industrial applications, it is suited to both splash and circulation application methods, but not to oil mist systems.

As for all Chevron gear oils based upon inorganic borate technology, the recommended maximum storage life of Delo Gear ESI is 2 years from the date of manufacture. For best results, where containers have been stored for periods greater than 12 months, contents should be agitated (by stirring, rolling etc.) before use.

### ENVIRONMENT, HEALTH AND SAFETY

Users should consult the MSDS, follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.



#### **OTHER INFORMATION**

For further information on Caltex products and services call the Lubelink Advisory Service on 1300 364 169 between 8.00am and 6.00pm (EST) Monday to Friday.

Information in this publication is accurate at the time of printing and reasonable care has been taken to ensure it is complete and accurate. However, this information is subject to change (such as when formulations or usage and storage information changes). Please visit [www.caltex.com.au](http://www.caltex.com.au) for the latest product information. Independent advice should be sought before taking any action in reliance on the information in this publication, and Caltex Australia Limited and its related bodies corporate accept no liability for any reliance on this publication's content.