



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

[www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)

## PRODUCT DATA SHEET

### ADVANCE PLUS 75W/90 SYN GEAR OIL

#### PRODUCT DESCRIPTION

**Advance Plus 75W/90 Syn Gear Oil** is a synthetic PAO and ester based friction modified gear lubricant. It is particularly suitable for commercial vehicle axles where enhanced load carrying and thermal stability is required due to severe temperatures and loads. It is also recommended for the lubrication of differentials, final drives, non-synchromesh manual transmissions and transfer cases, and other gear applications.

**Advance Plus 75W/90 Syn Gear Oil** offers outstanding high temperature and high load performance properties combined with excellent low temperature fluidity and cold flow properties, excellent corrosion protection and superior seal compatibility. It exhibits outstanding viscosity and temperature properties, even after high mechanical shearing encountered in hypoid, spiral bevel and other severe automotive gear applications.

**Advance Plus 75W/90 Syn Gear Oil** is recommended for the lubrication of axles, differentials, final drives, non-synchromesh manual transmissions and transfer cases, and other gear applications where long drain performance is required, such as in Volvo, DAF, Iveco, Mack, Mercedes Benz, Scania, Renault and MAN vehicles and those using Arvin Meritor and ZF equipment.

**Advance Plus 75W/90 Syn Gear Oil** is also suitable for use in limited slip differentials where a GL-5 75W/90 specification is required.

#### BENEFITS

- **ANTI-WEAR CAPABILITIES.** It is formulated to protect components against wear under normal to severe loads.
- **EXTREME PRESSURE CAPABILITIES.** Protects components from failure under shock and high loads.
- **SHEAR STABILITY.** Shear-stable viscosity modifiers used to ensure this wide span multigrade oil 'stay in grade'.
- **OXIDATION AND THERMAL STABILITY.** Prevents oil thickening and deposit formation, resulting in better component protection.
- **THERMAL DURABILITY.** Prevents gear spalling at high loads and temperatures.
- **PREVENTION OF OIL LEAKAGE.** Oil seal compatibility helps to keep the oil in the axle and maintain lubrication.
- **ANTI-FOAM CAPABILITIES.** Prevents breakdown of and maintains the protective oil film, enabling constant lubrication of components.

Always consult your vehicle owner's manual for the manufacturer's recommendations.



AUSTRALIAN FAMILY OWNED SINCE 1989





Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

[www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)

# PRODUCT DATA SHEET

## TYPICAL PROPERTIES

Property	ASTM Method	Results
SAE		75W/90
Appearance	Visual	Amber
Density (kg/Lt) @ 15°C	D-1298	0.873
Viscosity (cSt) @ 40°C	D-445	95
@100°C	D-445	16.0
Viscosity Index	D-2270	181
Flash Point; PM Closed (°C)	D-93	234
Pour Point (°C)	D-97	-33
Copper Strip Corrosion 3 hours at 100°C	D-130	1a
Foam Formation (10 mins settling)		
Sequence I, II, III	D-892	Nil
Phosphorus (% wt)	ICP	0.05

## APPLICATIONS

**Advance Plus 75W/90 Syn Gear Oil** is suitable for use where lubricants meeting the following performance levels are recommended:

API GL-4 Non synchronesh  
API GL-5  
API MT-1  
MIL-PRF-2105E  
SAE J2360  
Arvin Meritor 076  
Mack GO-J.

**Available in:** Bulk, 1000 Litres and 200 Litres

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au). Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)"

**Item code:** HI4-2486

**Effective:** July 2020

KH027010/1



AUSTRALIAN FAMILY OWNED SINCE 1989

