



PRODUCT DATA SHEET

SYNGEAR 75W/90 V EXTRA

PRODUCT DESCRIPTION

SYNGEAR 75W/90 V EXTRA is a synthetic oil-based gear lubricant, specially designed to meet the Volvo 97312 specification with long drain performance. It is particularly suitable for synchromesh transmissions and commercial vehicle axles where enhanced load carrying and thermal stability is required. It is also recommended for the lubrication of differentials, final drives, manual transmissions, transfer cases and other gear applications.

SYNGEAR 75W/90 V EXTRA has the **Volvo Transmission Oil 97312-012** OEM approval.

SYNGEAR 75W/90 V EXTRA 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.

SYNGEAR 75W/90 V EXTRA has outstanding viscosity/temperature properties, even after high mechanical shearing encountered in hypoid and other severe automotive gear applications.

BENEFITS

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

SYNGEAR 75W/90 V EXTRA is recommended for the lubrication of manual synchromesh transmissions, axles, differentials, final drives, 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.

SPECIFICATIONS

SYNGEAR 75W/90 V EXTRA meets or exceeds following demanding performance requirements:

- API GL-4, GL-5
- API MT-1
- MIL-PRF-2105E
- SAE J2360
- Arvin Meritor 076-N
- DAF
- Volvo 97312: approval Volvo Transmission Oil 97312-012
- ZF TE-ML 02B, 05B, 07A, 08, 12M, 16F, 17B, 19C, 21B
- IVECO
- Mack GO-J
- MAN 341 E-2, Z-2; 342 M-3, S-1
- MB 235.8; 235.11
- Renault
- Scania STO 1:0, 2:0 FS





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

TYPICAL PROPERTIES

Property	ASTM Method	Results
Appearance	Visual	Amber
Density (kg/Lt) @ 15°C	D-1298	0.873
Viscosity (cSt) @ 40°C	D-445	100
@ 100°C	D-445	14.9
Viscosity Index	D-2270	155
Flash Point; PM Closed (°C)	D-93	192
Pour Point (°C)	D-97	-54
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	0.16
Magnesium (% wt)	ICP	0.09
Boron (% wt)	ICP	0.05

Available in: Bulk, 200 Litres, 20 Litres and 4 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. 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"

Item Code: HI4-2478

Effective: February 2020

MR022071/1



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