



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

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www.hi-tecoils.com.au

PRODUCT DATA SHEET

SYNGEAR 75W/90

Hi-Tec SYNGEAR 75W/90 is a full synthetic limited slip gear oil which 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.

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

Hi-Tec SYNGEAR 75W/90 is recommended for the lubrication of differentials, final drives, manual transmissions, transfer cases and other gear applications where lubricants meeting MIL-L-2105D, API GL-5, MT-1 and the latest MIL-PRF-2105E or multipurpose EP type lubricants are recommended by the equipment builder.

<u>TYPICAL TEST</u>	<u>ASTM</u>	<u>TYPICAL VALUE</u>
SAE		75W/90
Appearance	Visual	Red
Density, Kg/Lt at 15°C	D.1298	0.869
Viscosity, cSt at 40°C	D.445	104
at 100°C	D.445	14.5
Viscosity Index	D.2270	144
Flash Point, PM Closed, °C	D.93	170
Pour Point, °C	D.97	-43
Total Acid Number	D.974	4.5
Copper Strip Corrosion 3 hours at 100°C	D.130	1b
Foaming Characteristics, 10 mins Settling -	D.892	
Sequence 1		Nil
Sequence 2		Nil
Sequence 3		Nil
High Torque, Further Stressed	L.37	Pass
High Speed, Shock Load	L.42	Pass



AUSTRALIAN FAMILY OWNED SINCE 1989





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TYPICAL TEST

ASTM

TYPICAL VALUE

Ash, Sulphated % Mass	D.482	<0.01
Sulphur, % Mass	D.129	2.26
Phosphorus, % Mass	D.1091	0.24
Nitrogen, % Mass	Kjeldahl	0.106
Boron, % Mass	Proprietary	0.028
Timken, Ok Load Kg	D.2782	70
Four-Ball, Wear Scar Diameter, mm	D.2266	0.28
FZG, Pass Stages	FZG	12

APPLICATIONS

Hi-Tec SYNGEAR 75W/90 meets the following performance requirements:

Automotive: API GL-5, MT-1, MACK GO-J.

Hi-Tec SYNGEAR 75W/90 is suitable for use where the following specifications are called for:

US Military: MIL-L-2105C, MIL-L-2105D, MIL-PRF-2105E; SAE J2360.

Product Code: 2463

"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"

Effective: June 2014

Expires: June 2016

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