



PRODUCT DATA SHEET

SYNSHIFT 75W/140 GL-5

PRODUCT DESCRIPTION

Synshift 75W/140 GL-5 is a full synthetic API GL-5 limited slip gear oil, manufactured with a special combination of polyalphaolefin (PAO) and ester-base oils, which offers outstanding high temperature and high load carrying performance properties combined with excellent low temperature fluidity and cold flow properties, excellent corrosion protection and superior seal compatibility.

Synshift 75W/140 GL-5 has outstanding viscosity/temperature properties, even under the high mechanical shearing encountered in hypoid and other severe automotive gear applications.

Synshift 75W/140 GL-5 is recommended for the lubrication of differentials, final drives, manual transmissions, transfer cases and other gear applications requiring multipurpose EP type fluids.

SPECIFICATIONS

Synshift 75W/140 GL-5 meets or exceeds the following demanding performance requirements:

API GL-5, MT-1
Mack GO-J
US Military: MIL-L-2105C, MIL-L-2105D, MIL-PRF-2105E
SAE J2360

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

TYPICAL PROPERTIES

Property	ASTM Method	Typical Results
Appearance	Visual	Red
Density (kg/Lt) @ 15°C	D-1298	0.874
Viscosity (cSt) @ 40°C	D-445	197
@ 100°C	D-445	25.3
Viscosity Index	D-2270	161
Flash Point; PM Closed (°C)	D-93	155
Pour Point (°C)	D-97	-45
TAN (mg KOH/g)	D-974	4.7
Copper Strip Corrosion 3 hours at 100°C	D-130	1b
Foam Formation (10mins settling)	D-892	
Sequence I		Nil
Sequence II		Nil
Sequence III		Nil
High Torque, Further Stressed	L-37	Pass
High Speed, Shock Load	L-42	Pass
Sulphated Ash (% wt)	D-482	<0.01
Sulphur (% wt)	D-129	2.26
Phosphorus (% wt)	D-1091	0.24
Nitrogen (% wt)	Kjeldahl	0.106
Boron (% wt)	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



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

PRODUCT DATA SHEET

Available in: Bulk, 1000 Litres, 200 Litres, 60 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: HI4-2468

Effective: July 2019

MR917071/1



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