



SYNSHIFT 75W/140

PRODUCT DESCRIPTION

Hi-Tec SYNSHIFT 75W/140 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.

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

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

SPECIFICATIONS

Hi-Tec SYNSHIFT 75W/140 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
Viscosity (cSt) @ 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