

**SHIELDTM**
LUBRICANTS**TECHNICAL DATA SHEET**

75W-90 GL5 Fully Synthetic Gear Oil

Product Code: SC75W90- Revision: 20181121

Product Description

A modern high performance fully synthetic gear oil manufactured from a blend of synthetic oil, sheer stable viscosity index improvers and a multipurpose extreme pressure additive system. It offers a high level of performance when compared to straight mineral oil whilst being compatible with mineral oils which enables it to be simply used as a replacement product on a drain and fill basis

Benefits

- Very high levels of rust and corrosion resistance.
- Long drain capability.
- Excellent oxidation stability.
- Very good thermal stability.
- Outstanding low and high temperature performance.

Applications

For use in high performance manual transmissions, spiral bevel axles, high load drive axles, hypoid axles and steering units. The use of this product will often smooth and improve manual gear changes in previously “notchy” gear boxes.

Not suitable for copper containing synchronizers.

Typical Test Data

Density @ 15°C	-	0.885
Flash Point (°C)	-	>190
Kinematic Viscosity @ 100°C (cSt)	-	15.1
Kinematic Viscosity @ 40°C (cSt)	-	96
Pour Point (°C)	-	<-41
Viscosity Index	-	166

Product Profile

API	GL-4, GL-5, MT-1
MAN	M3343 Type S
Mack	GO J
MB	235.8
Scania	STO 1:0
MIL-PRF	2105E
SAE	J2360
Volvo	97312
ZF TE-ML	02B, 05A, 07A, 08, 16B, 17B, 21A