



TECHNICAL DATA SHEET

SD LS 80W-90

A high performance limited slip axle lubricant developed using high quality raw materials.

SD LS 80W-90 is intended for moderate to highly loaded gears and limited slip axles found in a wide range of on-road and off-road driveline applications where API GL-5 performance is required.

SD LS 80W-90 is also suitable for use in general gear sets such as those found in ancillary equipment and some industrial equipment.

FEATURES

Specifically designed to reduce noise and combat destructive vibration found in limited slip applications.

Long life additives and high quality base oils ensure long-term protection of gear components

High performance extreme pressure additive chemistry provides outstanding resistance to pitting, scoring and wear

Dependable protection against rust and corrosion

OEM recognized technology

Millions of miles of proven real world performance

PERFORMANCE SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

API GL-5

MIL-L-2105D

TE-ML 05N (Approved)

TE-ML 21N (Approved)

TYPICAL PHYSICAL CHARACTERISTICS

Characteristic	Method	UoM	Typical
SAE Viscosity	J306	-	80W-90
Density @ 15°C	ASTM D4052	g/cm ³	0.8850
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	126.7
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	14.1
Viscosity Index	ASTM D2270	-	110
Brookfield Viscosity @ -26°C	ASTM D 2983	mPa.s	75,000
Flash Point (COC)	ASTM D92	°C	221
Pour Point	ASTM D97	°C	-33
Foaming Tendency:			
Seq. I/II/III (24°C/93.5°C/24°C)	ASTM D892	mL	0-0/10-0/0-0
Appearance	ASTM D4176-1	-	Clear & Bright
Colour	Visual	-	Amber
Product Code	-	-	06120

This data sheet and the information it contains is believed to be accurate as of the date of creation. Please email technical@rockoil.co.uk or telephone +44 (0) 1925 636191 if you require any further information.