



Sasol Differential Oil 90, 80W-90 & 85W-140

GEAR OIL, HIGH-LOAD, GL-5, SAE 90, 80W-90 & 85W-140

Description

Sasol Differential Oil 90, 80W-90 and 85W-140 are sulphur/phosphorus type, multipurpose, extreme pressure gear oils with high load-carrying properties.

Application

Sasol Differential 90, 80W-90 and 85W-140 have been developed for:

- Spiral bevel and moderately offset hypoid axles operating under various combinations of high speed, low speed, high torque and shock load service conditions.
- Transmissions of automotive equipment operating under the API service conditions quoted below.

Features and Benefits

Sasol Differential 90, 80W-90 and 85W-140 are NOT recommended for automotive synchromesh gearboxes or final drives where GL-4 oils with milder extreme pressure properties (such as Sasol Gearbox Oil 80W-90) are recommended.

Product Specifications

API GL-5
U.S. MIL-L-2105D
ZF TE-ML-01, 05, 07

Typical Characteristics

Property	Units	90	80W-90	85W-140	ASTM	IP
Viscosity					D445	71
@ 100°C	mm ² /s	19	15	29		
@ 40°C	mm ² /s	219	190	420		
Apparent Viscosity of 150 Pa.s	°C	-20	-24	-12	D2983	
Viscosity Index		97	105	100	D2270	226
Pour Point	°C	-18	-30	-18	D97	15
Flash Point (COC)	°C	240	200	220	D92	36
Load Carrying Capacity (FZG)	kg	>25	>25	>30	D2782	240
Density @ 20°C	kg/m ³	888	890	908	D4052	365



Storage and Handling

Use PVC, nitrile or other oil resistant gloves and protective clothing to prevent skin contact. Where eye contact is a potential hazard, goggles should be worn.

Avoid temperatures above 80°C and strong oxidizing agents.

Ambient temperatures and atmospheric pressures normally encountered within buildings or roofed-over outdoor storage areas are acceptable. Avoid entering areas where mists or vapours have built up as a result of abnormal temperatures or pressures without the proper breathing equipment and protective clothing.

Pack Information

<u>Grades</u>	<u>Product Code</u>	<u>Pack Size</u>
90		20 L 210 L
80W-90		1x500 mL 20x500 mL 1x5 L 4x5 L 20 L 210 L
85W-140		20 L 210 L