

MAK SPIROL XEP

Description

These are premium quality extreme pressure multipurpose gear oils. MAK SPIROL XEP 80W grade possesses excellent low temperature flow properties, enabling its use in low ambient temperature conditions.

Application

- It is recommended for gear boxes of all types of vehicles requiring EP Type of oils. It can also be used in rear axles wherever OEMs recommend GL-4 Type of oils.
- MAK SPIROL XEP 80W grade is approved by M/s Daimler Chrysler for use in Mercedes-Benz vehicles & assemblies, as specified in their sheet 235.1

Benefits

- Good extreme pressure properties
- Designed to extend the life of the oil and the components

Performance Level

- API GL-4
- IS 1118:1992 (EP Type GL-4)
- US MIL-L-2105

Technical Specifications

Characteristics	ASTM TEST METHOD	MAK SPIROL XEP 80W	MKA SPIROL XEP 90
Appearance	-	Clear & bright	Clear & bright
Colour, Visual	-	Brown	Brown
Density @ 15 deg C	D-1296	0.8862	0.9002
K.V.@100 deg C, cSt	D-445	9.1	16.6
Viscosity Index	D-2270	100	96
Pour Point, deg C	D-97	-27	-9
Flash Point(COC), deg C	D-92	200	210
TBN Value	D-2896		
Copper Corrosion@ 100 deg C for 3 Hrs.	D-130	1a	1b
Foaming Tendency a) Sequence I b) Sequence II c) Sequence III	D-892	10 / Nil 10 / Nil 10 / Nil	<10 / Nil Nil / Nil <10 / Nil

All the mentioned values are typical which may vary from batch to batch.

Storage and Handling

- Indoor Storage is always preferable
- Barrels should be kept horizontally with bunk position at 3 O'clock 9 O'clock position
- Barrels should be kept away from dusty or heated areas.
- During handling any contact with dust must be avoided

Health & Safety

This grade is not hazardous under normal conditions of use. For further guidance Material Safety Data Sheet (MSDS) may be referred.

Advice

For any further advice on applications or otherwise, please contact the nearest Bharat Petroleum territory office or Technical Services department at the address given below.

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