

MAK SPIROL XHD

Description

These are long life heavy duty gear oils meant for gears, particularly hypoid gears, in axles operating under various combinations of high-speed shock loads and low-speed, high-torque conditions. These are designed to extend the life of oil and components. These oils can withstand bulk oil temperatures as high as 150° C.

Application

- It is recommended for hypoid / bevel gears in rear axles of the vehicles operating under severe service conditions. It can also be used in gear boxes wherever OEMs recommend GL-5 type Oils.
- MAK Spirol XHD 90 grade is approved by M/S Balmier Chrysler for use in Mercedes-Benz vehicles & assemblies as specified in their sheet 235.0

Benefits

- Designed for heavy duty operations
- This oil can withstand bulk oil temperatures as high as 150°C
- This is designed to extend the life of oil and components

Performance Level

- API GL-5
- IS 1118:1992 (EP Type GL-5)
- US MIL-L-2105D

Technical Specifications

Characteristics	ASTM TEST METHOD	MAK SPIROL XHD 90	MKA SPIROL XHD 85W140
Appearance	-	Clear & bright	Clear & bright
Colour, Visual	-	Brown	Brown
K.V.@100 deg C, cSt	D-445	16.8	26.4
Viscosity Index	D-2270	98	95
Flash Point(COC), deg C	D-92	198	224
Pour Point, deg C	D-97	-9	-15

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.

Bharat Petroleum Corporation Ltd.

Product and Application Development Dept.
BPCL 'A' Installation, Sewree Fort Road, Sewree (East)
Mumbai -400015
E-mail: MAKcustomercare2@bharatpetroleum.in
Tel No.: 022-24176351