

MAK HYDROL CE

Description

MAK Hydrol CE are premium grade oils blended from Hydroprocessed group 2 plus base oil .They are fortified with ashless (Zinc Free) additives and possess high FZG rating. These oils provide trouble-free service and have been found to be far superior to other anti-wear hydraulic oils. These are specially recommended for hydraulic systems used in concrete pumping equipments.

Application

- High pressure hydraulic systems, for power transmission systems operating at high speeds, loads and temperatures.
- Sophisticated high performance Electrohydraulic or Numerically Controlled systems.

Benefits

- Excellent EP properties which leads to better response to high load conditions
- Extra heavy duty anti-wear oils with outstanding thermal stability
- Possess excellent compatibility with seals normally used in hydraulic system.

Performance Level

- FZG Niemann EP 11 th FLS
- IS 11656 : 1986 [Reaffirmed March, 2002]
- DIN 51 524 Part 2 – HLP Type
- Denison HF-0 & HF-2
- Vickers 1-286-S
- US Steel 127
- Cincinnati Milacron P-70

Our grades meet above specification for the respective Viscosity Grades.

Technical Specifications

Properties	Test Method	MAK Hydrol CE 68
Density @ 15°C , Kg/m ³	ASTM D 1298	0.861
Viscosity @ 40°C (cSt)	ASTM D 445	68.5
Viscosity @ 100°C (cSt)	ASTM D 445	9.1
Viscosity Index	ASTM D 2270	110
Flash Point (°C)	ASTM D 92	240
Pour Point (°C)	ASTM D 97	-15
Cu Corrosion 3hr/100°C	ASTM D 130	1b
Demulsibility @ 54°C (ml-min)	ASTM D 1401	40-40-0(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 and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data (MSDS) Sheet 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.

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