

MAK 4T

Description

These oils are specially designed keeping in view the high temperature operating conditions encountered in air cooled 4 Stroke 2 Wheeler engines unlike in the case of passenger car engines, which are water cooled.

MAK 4T 20W-50 is specially recommended for vehicles operating at high ambient temperatures and/or severe operating conditions.

Application

It is recommended for all models of Motorcycles, Scooters and auto rickshaws with four stroke engines. It is also suitable for use in auto rickshaws operating on dual fuels i.e. Petrol and CNG/LPG.

Benefits

- Possess special frictional properties required for smooth operation of wet clutches used in 4 stroke 2 wheelers.
- Provide outstanding oxidation stability there by ensuring cleaner engine and extended oil life
- Good wear protection.
- Minimize engine deposits due to excellent sludge and varnish control.
- Being Multigrade oils, these are suitable for use in all seasons.

PERFORMANCE LEVEL

- JASO MA
- API SJ

Technical Specifications

Characteristics	ASTM	MAK 4T 20W-50
Appearance		Clear & Bright
Colour, Visual Observation	--	Brown
Density @15°C	D1298	0.8896
K.V at 100° C, cSt	D445	18.1
Viscosity Index	D2270	123
Flash Point, (COC), °C	D92	240
Pour Point, °C	D97	-21
Copper corrosion @ 100°C for 3 hrs.	D130	1a
Foaming Tendency	D892	
a) Sequence I		Nil / Nil
b) Sequence II		10 / Nil
c) Sequence III		Nil / 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 bung 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.

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