

MAK MULTIGRADE

Description

This is superior quality multigrade oil blended with superior quality high Viscosity Index base oils and contains well balanced group of additives, to provide high detergency, dispersancy and anti oxidation characteristics.

Application

It is recommended for use in Heavy Duty Commercial Vehicles, Light Commercial Vehicles & Multi-utility vehicles fitted with high speed naturally aspirated or Turbo charged diesel engines operating at low speed and high torque conditions that are prevalent in prolonged city stop & go driving conditions and also in hilly regions.

Benefits

- Better resistance against wear of moving engine parts at all operating conditions.
- Excellent thermal and oxidation stability & less formation of oxidation related deposits.
- Protects engine components against rust and corrosion due to built-in alkaline reserves.
- Ensures smooth running of engine in all climatic conditions.

PERFORMANCE LEVEL

- API CF / SF
- IS 13656:2002 Type EDL2 & EPL2

Technical Specifications

Characteristics	ASTM	MAK MULTIGRADE
Appearance	--	Clear & Bright
Colour, Visual Observation	--	Red
Density @15°C, gm/ml	D1298	0.8911
K.V at 100° C, cSt	D445	14.10
Copper Corrosion @ 100° C for 3 hrs	D130	1a
Flash Point, (COC), °C	D92	240
Viscosity Index	D2270	113
Pour Point, °C	D97	-24
Foaming Tendency / Stability: Qty. of foam in ml a) Sequence I b) Sequence II c) Sequence III	D892	Nil / Nil 10 / Nil 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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