

MAK-CI4

Description

MAK CI4 is diesel engine oil is designed to meet the latest global specifications and exceeds the lubrication requirements of the latest ultra low emission diesel engines. It is especially effective at sustaining engine durability where Exhaust Gas Recirculation is used and protecting after treatment exhaust devices. This oil is fortified with highly Hydro processed Group II plus base oils and state-of-the-art performance additives to control the viscosity increase & handle higher soot level.

Application

It is recommended for use in all modern Diesel Engine vehicles fitted with exhaust gas recirculation devices to meet Euro-II and Euro-III emission norms. However, this oil can also be used in vehicles requiring API CH-4 or CG-4 oil.

- Diesel passenger cars
- On highway heavy duty trucks
- Construction and Mining
- Agricultural Equipments

Benefits

- **HIGH VISCOSITY INDEX** : Effective at high temperatures and better Pumpability at lower temperatures
- **UNIQUE FORMULATION**: Premium detergent and dispersant additive technology for cleaner engine.
- **EFFECTIVE SOOT HANDLING**: This oil handles higher soot level and protects engine parts against the corrosive action of combustion gases.
- **BETTER OXIDATION & CORROSION RESISTANCE**: Resists oil degradation caused due to higher soot content caused due to EGR and thus lower corrosion.
- **USED IN ALL SEASONS**: This oil is suitable for use in all seasons and helps in reducing oil consumption.

PERFORMANCE LEVEL

- API CI-4
- VOLVO VDS 3
- Global DHD-1

Technical Specifications

Characteristics	ASTM	MAK CI4 15W-40
Appearance	--	Clear & Bright
Colour, Visual Observation	--	Brown
Density @15°C, gm/ml	D1298	0.8896
K.V at 100° C, cSt	D445	14.20
Copper Corrosion @ 100° C for 3 hrs	D130	1a
Flash Point, (COC), °C	D92	232
Viscosity Index	D2270	147
Pour Point, °C	D97	-24

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.

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