

MAK CG4

MAK-CG4 is advanced heavy duty diesel engine oil specially developed to meet low exhaust emission standards. This oil also has an exceptional ability to maintain engine cleanliness and protect engine parts, thereby extending engine life and reducing maintenance costs. It uses exclusive additive formulations in conjunction with quality base oils to deliver longer life and enhanced protection relative to their predecessors.

It is recommended for use in latest generation Diesel engine vehicles to meet Euro-II and Euro-III emission norms. It is highly suitable for both constant high speed engines and stop-start service under severe working conditions.

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

This oil has been licensed by American Petroleum Institute (API) to market under their 'DONUT' symbol.

- **UNIQUE FORMULATION** Premium detergent and dispersant additive technology for cleaner engine
- **ENHANCED ENGINE LIFE** Excellent protection against oxidation, rust, corrosion and better oil film protection at high temperature providing increased resistance to thermal breakdown.
- **LONG OIL SERVICE LIFE** Group II Plus base oil and latest generation dispersants used in this oil help in handling higher amount of soot and thereby controlling the viscosity increase.
- **GOOD TBN RETENTION** Gives long-term protection against corrosion of ferrous and non-ferrous metals.
- **APPROVED BY LEADING ENGINE MAKERS**

- API CG-4/SJ
- IS 13656:2002 Type EDL6
- ACEA A2-96 issue 2/B3-98/E2-96 issue 3
- Volvo VDS
- MTU Type 1
- MB 228.1

Characteristics	ASTM	MAK CG4 15W-40
Appearance	--	Clear & Bright
Color, Visual Observation	--	Brown
Density @15°C, gm/ml	D1298	0.8866
K.V at 100° C, cSt	D445	14.60
Copper Corrosion @ 100° C for 3 hrs	D130	1a
Flash Point, (COC), °C	D92	228
Viscosity Index	D2270	145
Pour Point, °C	D97	-24
Foaming Tendency / Stability: Qty. of foam in ml	D892	Nil / Nil
a) Sequence I		10 / Nil
b) Sequence II		Nil / Nil
c) Sequence III		

All the mentioned values are typical which may vary from batch to batch.

- 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.

This grade is not hazardous under normal conditions of use. For further guidance Material Safety Data Sheet (MSDS) may be referred.

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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