

Product Data Sheet

MAK GOLD

SAE Grade: 30 & 40

DESCRIPTION

These are heavy duty oils formulated from highly refined base oils and detergent-dispersant inhibitors, anti-wear additives and a special oil thickening control agent.

APPLICATIONS

They are recommended for high speed Naturally Aspirated / Turbo / Supercharged diesel engines operating at low speed and high torque conditions prevalent in prolonged city stop & go driving conditions and also in hilly regions. They are recommended for use in Heavy-Duty Commercial Vehicles, Light Commercial Vehicles & Multi Utility Vehicles. This oil was evaluated in 'Double Decker' buses of M/s. BEST, Mumbai and oil drain interval of 22,000 kms. was established. They also demonstrated the Long Drain capability in APSRTC buses.

PERFORMANCE BENEFITS

- Cleaner engine due to reduction of engine deposits
- Better soot handling capacity
- Longer engine and oil life

PERFORMANCE LEVEL

- API CF
- MACK T-7 / T-8A Test
- IS 13656: 2002 Type EDL3
- US MIL-L-2104C

Characteristics	IS 1448	Typical Figures	
		30	40
Appearance	--	Clear & Bright	Clear & Bright
Colour, Visual Observation	--	Red	Red
Density @15°C, gm/ml	P:16	0.8712	0.8961
K.V at 100° C, cSt	P:25	11.40	14.40
Copper Corrosion @ 100° C for 3 hrs	P:15	1a	1a
Flash Point, (COC), °C	P:69	230	240
Viscosity Index	P:56	96	95
Pour Point, °C	P:10	-9	-12
Foaming Tendency / Stability: Qty. of foam in ml			
a) Sequence I	P:67	Nil / Nil	Nil / Nil
b) Sequence II		10 / Nil	10 / Nil
c) Sequence III		Nil / Nil	Nil / Nil

Health and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet may be referred.

Bharat Petroleum Corporation Ltd.

Technical Services

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Edition: R&D / Auto / 012 / Issue 1 / Oct, 2008