

MAK FLEET CI4+ 15W-40

High performance heavy duty diesel engine oil for heavy duty trucks, buses, LCVs and SUVs

MAK FLEET CI4+ 15W-40 is developed to meet the stringent lubrication requirements of the modern BS IV heavy duty diesel engines. It is highly effective in the corrosive environment of Exhaust Gas Recirculation (EGR). Shear stable performance helps maintain oil viscosity, handle higher soot level and protect engine parts against wear and corrosion.

Applications:

MAK FLEET CI4+ 15W-40 is recommended for new generation BS IV heavy duty trucks, buses, LCVs and SUVs equipped with modern engine technologies and EGR (Exhaust Gas Recirculation) system. This oil will provide better performance in BS II or BS III vehicles fitted with turbo-charged non-EGR engines. For oil drain interval, refer OEM's recommendation.

Performance/ Benefits:

Exceptional Soot Handling Capability – Exceptional capability to handle higher soot content and control oil thickening which increases oil filter life.

Excellent high temperature protection – Excellent resistance to oil breakdown and deposit formation under high temperatures and high load conditions.

Superior Deposit Control – advanced additive technology offers superior control over sludge and harmful deposit formation. Maintains optimum engine performance and enhances oil life.

Enhanced Engine Protection – Provides enhanced wear protection to critical engine components such as valve train, cylinder liner and piston rings and maintains durability and reliability of engine under severe corrosive environment of EGR.

Performance Level/ Specification:

Meets the performance benchmarks of

- API CI-4 PLUS
- MB 228.3
- Volvo VDS-3
- ACEA E7
- Cummins 20078

Typical Physico-Chemical Data: MAK FLEET CI4+ 15W-40

Characteristics	Method	Value
SAE Grade	SAE J300	15W-40
Color	Visual	Brown
Appearance	Visual	Clear
Density @29.5°C, g/cc	ASTM D1298	0.865
Kinematic Viscosity @40°C, cSt	ASTM D445	103.5
Kinematic Viscosity @100°C, cSt	ASTM D445	14.2
Viscosity Index	ASTM D2270	140
Copper Corrosion, 100°C, 3 hrs.	ASTM D130	1a
Flash Point, °C	ASTM D92	232
Pour Point, °C	ASTM D97	-24
Foaming Tendency	ASTM D892	
a) Sequence I		Nil/Nil
b) Sequence II		10/Nil
c) Sequence III		Nil/Nil

Storage & Handling:

The product should be stored inside. Keep it properly sealed to avoid contamination. Avoid freezing and store under protected storage conditions.

Health & Safety:

It is unlikely to be hazardous when properly used in recommended applications. Contamination of the oil from other oils, greases, chemicals, dirty water etc. can occur during the use. It should be avoided. Regular monitoring of the in-use product is recommended.