MAK PUMP HARIT 40

Monograde diesel engine oil

MAK Pump Harit 40 is a monograde diesel engine oil blended from high quality base oils and chosen additives. This oil is formulated to perform under very harsh operating conditions of diesel engines and offers superior protection to the engine components. It ensures trouble-free operation of engines. MAK Pump Harit 40 delivers optimum lubrication and maintains reliability.

Applications:
MAK Pump Harit 40 is suitable as crankcase oil for slow and medium speed diesel engines of agricultural pump sets, threshers, sugarcane crushers etc.

Performance/ Benefits:
Good Wear Protection – offers protection against wear, especially engine scuffing and bore polishing of engine components. Improves reliability of engine.

Rust & Corrosion Protection – exhibits excellent rust protection, reduced down-time and maintenance cost.

Good Lubrication Property – provides lubrication of the engine components in order to offer a long trouble-free operation.

Enhanced Engine Durability – provides component longevity through a balanced formulation that helps maximise engine durability. Lowers cost of ownership and improves profitability.

Performance Level/ Specification:
Meets the performance benchmarks of

- API CC

Typical Physico-Chemical Data: MAK Pump Harit 40

Characteristics	Method	Value
SAE Grade	SAE J300	40
Color	Visual	Brown
Appearance	Visual	Clear
Density @29.5^{O}C, g/cc	ASTM D1298	0.862
Kinematic Viscosity @40^{O}C, cSt	ASTM D445	134.5
Kinematic Viscosity @100^{O}C, cSt	ASTM D445	13.9
Viscosity Index	ASTM D2270	100
Copper Corrosion, 100^{O}C, 3 hrs.	ASTM D130	1a
Flash Point, ^{O}C	ASTM D92	238
Pour Point, ^{O}C	ASTM D97	-18
Foaming Tendency a) Sequence I b) Sequence II c) Sequence III	ASTM D892	 Nil / Nil 10 / Nil 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.

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