MAK Trac Champion Mini 20W-40

Premium Multigrade Diesel Engine oil For Mini-Tractors & Tillers

Superior quality multigrade diesel engine oil designed for Tractors and Tillers fitted with naturally aspirated and turbocharged diesel engines of < 30 HP. This oil is formulated to protect engine parts even under arduous operating conditions. It offers outstanding protection against oil degradation and oil thickening.

Applications:

Suitable for use in Tractors and Tillers fitted with diesel engines < 30 HP.

Performance/ Benefits:

Excellent Thermo-Oxidative Stability- excellent resistance to oil breakdown and deposit formation under high temperatures and aggressive driving conditions, controls oil thickening and extends oil life.

Superior Deposit Control – advanced additive technology with a balanced blend of detergents and dispersants, cleanse engine components. Offers superior control of sludge and harmful deposit formation. Maintains optimum engine performance and enhances oil life

Engine Protection – offers improved wear protection in the critical areas of an engine like valve train, cylinder liner, and piston rings. Improves durability and reliability of the engine.

Superior low temperature flow characteristics - ensures quick flow to engine's critical moving parts and quick engine start.

Shear Stable Chemistry – ensures viscosity control at high temperatures and high shear conditions.

Good TBN Retention – excellent protection against corrosive wear of engine components due to high TBN retention over the oil life

Specification:

- API CF-4

Storage & Handling:

The product should be stored in a covered shed. Keep it properly sealed to avoid contamination. Avoid freezing. Shelf life is 3 years 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.

Typical Physico-Chemical Data

Characteristics	Method	Typical Value
SAE Grade	SAE J300	20W-40
Color	Visual	Brown
Appearance	Visual	Clear
Density @29.5 °C, g/cc	ASTM D1298	0.860
Kinematic Viscosity @40 °C, cSt	ASTM D445	122.45
Kinematic Viscosity @100 °C,cSt	ASTM D445	14.50
Viscosity Index	ASTM D2270	120
Copper Corrosion, 100 °C, 3 hrs.	ASTM D130	1a
Flash Point, °C	ASTM D92	232
Pour Point, °C	ASTM D97	-21
Foaming Tendency a) Sequence I b) Sequence II c) Sequence III	ASTM D892	 Nil / Nil 10 / Nil Nil / Nil

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