

MAK Trac Champion Plus 15W-40

Premium Multigrade Diesel Engine oil For New Generation Tractors

Premium quality multigrade diesel engine oil specially designed for tractors fitted with new generation low emission engines. This oil is formulated to protect tractor engine parts even under arduous operating conditions. It offers outstanding protection against oil degradation and oil thickening.

Applications:

Suitable for use in tractors fitted with new generation low emission engines.

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.

Excellent Soot Handling Capability – excellent soot handling capability due to advanced additives technology provides added protection to the engine parts

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.

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

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

Reduced Oil Consumption – high-quality base oils with lower volatility have the potential to lower oil consumption.

Specification:

- API CI-4 Plus

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	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	104
Kinematic Viscosity @100 °C, cSt	ASTM D445	14.5
Viscosity Index	ASTM D2270	143
Copper Corrosion, 100°C, 3 hrs.	ASTM D130	1a
Flash Point, °C	ASTM D92	232
Pour Point, °C	ASTM D97	-27
Foaming Tendency	ASTM D892	
a) Sequence I		Nil/Nil
b) Sequence II		10/Nil
c) Sequence III		Nil/Nil