

# MAK SUPREME 10W-30

Premium quality petrol engine oil for passenger cars

MAK SUPREME 10W-30 is supreme quality multigrade petrol engine oil exclusively developed to provide ultimate protection and performance for all new modern passenger cars. It is formulated using superior quality high viscosity index Group II plus base oils and state of the art additive technology. The balanced blend of performance additives ensures optimum realisation of engine power. MAK SUPREME 10W-30 provides excellent oxidation stability, thermal stability and anti-wear performance reducing engine wear and ensuring longer engine life. The oil offers superior protection and performance to the engine over wider operating conditions.

**Applications:**

MAK SUPREME 10W-30 is recommended for all modern petrol cars that are powered by engines with advanced technology such as multivalve, turbocharged and vehicles requiring API SM performance specification.

**Performance/ Benefits:**

**Driving Comfort** – ensures smooth running of engine under all climatic conditions and excellent realisation of engine power.

**Extended Engine Life** – additive chemistry of the oil offers excellent protection to the engine components over a wide running temperature range.

**Excellent Thermo-Oxidative Stability** – excellent resistance to oil breakdown and deposit formation under high temperatures and aggressive driving conditions. Controls oil thickening. Extends oil life.

**Excellent Cleanliness** – advanced additive technology with 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.

**Outstanding Wear Protection** – provides excellent protection to engine, even under extreme operating conditions and prevents wear of components. Reduces maintenance and operations costs.

**Excellent Rust Protection** – offers very high rust protection and reduced maintenance cost.

**Low Temperature Performance** – maintains excellent fluidity at low temperature climatic conditions.

**Performance Level/ Specification:**

- Meets the performance benchmarks of API SM

**Typical Physico-Chemical Data: MAK SUPREME 10W-30**

Characteristics	Method	Value
SAE Viscosity	SAE J300	10W-30
Color	Visual	Brown
Appearance	Visual	Clear & Bright
Density @29.5°C, g/cc	ASTM D1298	0.860
Kinematic Viscosity @40°C, cSt	ASTM D445	67.60
Kinematic Viscosity @100°C, cSt	ASTM D445	10.42
Viscosity Index	ASTM D2270	141
Copper Corrosion, 100°C, 3 hrs.	ASTM D130	1a
Flash Point, °C	ASTM D92	220
Pour Point, °C	ASTM D97	-30
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.