

# MAK EVOLV SYNTH 0W-20

Synthetic engine oil for fuel economy and protection

MAK Evolv Synth 0W-20 is a premium synthetic petrol engine oil for latest generation passenger cars. It is formulated with advanced additive chemistry to help reduce engine friction and provide superior protection under demanding daily traffic conditions. Low viscosity and advanced additive chemistry of the oil provides excellent sludge protection, keeps engine clean and helps to enhance engine performance. Low evaporation formulation reduces oil consumption.

**Applications:**

MAK Evolv Synth 0W-20 is suitable for all latest generation petrol and hybrid passenger cars of Maruti Suzuki, Honda, Toyota, General Motors etc. where SAE 0W-20 oil is recommended. This oil is also suitable for vehicles running with ethanol blended petrol (upto E85).

**Performance/ Benefits:**

**Enhanced Fuel Economy** – lower viscometry provides same power output with lesser fuel and enhances fuel economy.

**Superior Wear Protection** – offers excellent protection to engine components through improved oil film and excellent anti-wear capabilities. Prevents wear of engine parts at high temperatures.

**Excellent Thermo-Oxidative Stability** – offers resistance to oil breakdown and prevents harmful deposit formation under high temperatures, aggressive driving and start-stop city driving conditions.

**Excellent Sludge Protection** – provides superior control of sludge and harmful deposit formation through highly effective detergency and dispersancy additives. Maintains engine cleanliness even during extended drain interval. Enhances engine and oil life.

**Lower Engine Oil Consumption** – synthetic oil molecules minimizes evaporation loss and reduces oil consumption

**Compatible With After-Treatment Systems** – offers enhanced protection to emission system components in passenger cars.

**Superior Low Temperature Performance** – maintains excellent low temperature fluidity due to low viscosity formulation to provide protection against start up wear and tear.

**Driving Comfort** – ensures smooth and quieter drive of the engine under all climatic conditions.

**Performance Level/ Specification:**

Meets performance benchmarks of

- API SN
- ILSAC GF-5

**Typical Physico-Chemical Data: MAK Evolv Synth 0W-20**

Characteristics	Method	Value
SAE Viscosity	SAE J300	0W-20
Color	Visual	Brown
Appearance	Visual	Clear & Bright
Density @29.5°C, g/cc	ASTM D1298	0.839
Kinematic Viscosity @40°C, cSt	ASTM D445	47.6
Kinematic Viscosity @100°C, cSt	ASTM D445	8.60
Viscosity Index	ASTM D2270	160
Copper Corrosion, 100°C, 3 hrs.	ASTM D130	1a
Flash Point, °C	ASTM D92	230
Pour Point, °C	ASTM D97	-36
Foaming Tendency	ASTM D892	
a) Sequence I		Nil/Nil
b) Sequence II		Nil/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.