MAK ALPHA ZENITH 5W-40

Premium synthetic multi-fuel engine oil for new generation passenger cars, SUVs and MUVs

MAK ALPHA ZENITH 5W-40 is a premium quality SYNTHETIC engine oil exclusively developed for stringent lubrication of new generation passenger cars, SUVs and MUVs running on petrol, diesel & CNG. It is formulated with synthetic base stocks and new generation additive technology ensuring better flow-ability, excellent thermal stability, superior anti-wear performance for smooth running and longer engine life.

Applications:
MAK ALPHA ZENITH 5W-40 is recommended for new generation passenger cars, Sport Utility Vehicles (SUVs) & Multi Utility Vehicles (MUVs) running on petrol, diesel & CNG.

Performance/Benefits:

Excellent engine protection – Excellent anti-wear additive chemistry protects engine components from wear during city stop-start driving and severe off-road condition. It reduces vehicle down time and maintaince cost.

Better flow-ability – Quick oil flow at low temperature and during start-up ensures better lubrication and protection from premature wear of engine components.

Superior engine cleaning – Better detergency of this oil keeps engine parts clean and trouble free, ensures smooth running.

Extended oil life – Excellent oxidation control helps to reduce oil degradation at elevated temperature, reduces sludge deposit and enhances engine oil life

Performance Level/ Specification:
Meets the performance benchmark of:

- ACEA A3/B4
- API SN

Typical Physico-Chemical Data: MAK ALPHA ZENITH 5W-40

Characteristics	ASTM test Method	Value
SAE Grade	SAE J300	5W-40
Color	Visual	Brown
Appearance	Visual	Clear
Density @29.5^{0}C, g/cc	D1298	0.845
Kinematic Viscosity @40^{0}C , cSt	D445	85
Kinematic Viscosity @100^{0}C , cSt	D445	14
Viscosity Index	D2270	170
Flash Point, ^{0}C	D92	220
Pour Point, ^{0}C	D97	-30
Foaming, tendency/stability a) Sequence I (ml/ml) b) Sequence II (ml/ml) c) Sequence III (ml/ml)	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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