



WORLD CLASS LUBRICANTS  
FOR TROPICAL CONDITIONS

# TEC 0W-20 HYBRID

## GENERAL

**Ultra Tec Hybrid 0W-20** is a 100% fully synthetic motor oil that provides stability and endurance under extreme conditions that can cause conventional oils to break down. It delivers the ultimate performance under high-temperature conditions: unsurpassed protection against volatility burn-off and viscosity increase.

**Ultra Tec Hybrid 0W-20** is specially designed for Hybrid Electric Vehicles (H.E.V) and Plug-in Hybrid Electric Vehicles (P.H.E.V) fitted with recent gasoline engines, turbocharged or naturally aspirated, direct or indirect injection.

## PERFORMANCE SPECIFICATIONS

The **Ultra Tec Hybrid 0W-20** lubricant meets or exceeds the test requirements of:

- API SN, API SN-RC
- ILSAC GF-5

## KEY BENEFITS

The use of **Ultra Tec Hybrid 0W-20** would result in:

- Up to 80% reduction in Start –Up Wear (Engine Durability)
- Up to 60% Better Sludge & Deposit Control (Engine Cleanliness)
- Up to 65% Better Wear Protection
- 2.7% Fuel Saving Technology
- Ultimate performance under high-temperature conditions
- A level of protection that exceeds all leading conventional motor oils

## **MAIN APPLICATIONS**

- Modern hybrid electric vehicles, such as HEV, PHEV and BEV with Range Extender, where multiples unexpected stops and starts of the gasoline engine are involved during the different operating phases of the hybrid vehicle such as, **HONDA, NISSAN, TOYOTA, MAZDA** Hybrid gasoline engines and other imported Hybrid gasoline engines.

## **TYPICAL PROPERTIES**

		TEST METHOD	
SAE Viscosity Grade			0W20
Kin. Viscosity @	40°C-cSt	ASTM D445	45.23
Kin. Viscosity @	100°C-cSt	ASTM D445	8.52
Viscosity Index		ASTM D2270	183
Specific Gravity @	60/60°F	ASTM D 1298	0.8451
Pour Point	°C	ASTM D97	-39
Flash Point, COC	°C	ASTM D92	210
Low temperature (C) Cranking Viscosity, cP max		ASTM D5293	6,200 @ -35
Low temperature (C) Pumping Viscosity, cP maX		ASTM D4684	60,000 @ -40
HT/HS Viscosity, cP min		ASTM D4683	2.6
TBN	mg KOH/g	ASTM D4739	8.2

## **HEALTH AND SAFETY**

**Ultra Tec Hybrid 0W-20** is unlikely to pose any health or safety hazards when used in the recommended applications, provided good standards of personal and industrial hygiene are observed. Please refer to the Material Safety Data Sheet (MSDS) for further information.

\*Always follow Vehicle Manufacturer Oil Change Interval Recommendations.

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