



Description

Low-viscosity synthetic lubricants designed to deliver optimum performance in hybrid vehicles equipped with both gasoline and electric engines, whether plug-in (PHEV) or non-plug-in (HEV).

These oils are designed to protect the internal combustion engine even under the most demanding start-stop operating conditions, which are common in this type of vehicle. In addition, under normal driving conditions, these products provide fuel economy benefits. As a result, they help reduce CO₂ emissions into the atmosphere and are the perfect choice for environmentally conscious drivers who own hybrid vehicles.

Lubricants formulated to meet the latest API (API SQ) and ILSAC (ILSAC GF-7) specifications, incorporating significant improvements in fuel economy, protection against Low Speed Pre-Ignition (LSPI), deposit control and engine cleanliness, as well as enhanced wear protection and greater lubricant and engine durability.

Properties

- 100% synthetic oils with excellent stability and resistance to degradation.
- Low-viscosity products that reduce fuel consumption while maintaining a high level of protection for the internal combustion engine, even under demanding start-stop operating conditions.
- Lubricants designed for environmentally conscious drivers.
- Products especially recommended for TOYOTA Group vehicles.
- Suitable for gasoline vehicles and their corresponding hybrid versions.
- Includes additional protection against LSPI (Low Speed Pre-Ignition).

Quality levels, approvals and recommendations

- API SQ*
- ILSAC GF-7A (0W-20, 5W-20, 5W-30, 10W-30)*
- ILSAC GF-7B (0W-16)
- *Formal approval

Technical specifications

	UNIT	METHOD	VALUE				
SAE Grade			0W-16	0W-20	5W-20	5W-30	10W-30
Density at 15 °C	g/cm3	ASTM D4052	0.844	0.846	0.849	0.850	0.850
Kinematic viscosity at 40 °C	cSt	ASTM D445	36	43	48	62	64
Kinematic viscosity at 100 °C	cSt	ASTM D445	7,2	8,3	8,3	10,5	10,5
Viscosity index	-	ASTM D2270	164	170	149	160	154
Flash point, open cup	°C	ASTM D92	225	225	245	240	240
Pour point	°C	ASTM D97	<-39	<-39	<-39	<-39	-36
TBN	mg KOH/g	ASTM D2896	7,3	7,3	7,3	7,3	7,6

The above mentioned characteristics are typical values and should not be considered product specifications.