

Signature® Full Synthetic Motor Oil

Product Data Sheet



Product Description

Signature® Full Synthetic Motor Oils are formulated to provide extra protection against the harmful effects of city driving, where cars undergo a higher stress due to constant stopping and going. Its low friction formula helps improve gas mileage for long engine life and helps protect against rust, corrosion, startup wear, varnish build-up, and eliminates the need for extra oil additives. It also protects against thermal breakdown which helps prevent stuck rings. Specially formulated to protect high compression gasoline direct injection engines from the occurrence of Low-Speed Pre-Ignition (LSPI) and Timing Chain Wear.

Benefits:

Signature® Synthetic Motor Oils:

- Protects engines operating under extreme temperatures and severe driving conditions.
- Protection against timing chain wear and Low Speed Pre-Ignition (LSPI), a potentially catastrophic phenomena that occurs in GDI (gasoline direct injection) engines
- Advanced protection against rust, corrosion, sludge, varnish, and wear
- Improved fuel economy
- Improved thermal stability for smaller and hotter engines
- Excellent control for long automaker recommended oil change intervals

Applications:

Signature® Full Synthetic Motor Oils meets or exceeds the demanding requirements of International Lubricant Standardization and Approval Committee (ILSAC) GF-6A and in previous ILSAC categories GF-5 through GF-1. ILSAC GF-6 comprises the latest standard for passenger car, van, light truck, and sport utility vehicles motor oils. Synthetic SAE 0W-20 Motor Oil meets requirements of API SP and previous API categories API SN PLUS, SN, SM, SL. Viscosity recommendations vary according to temperature and engine manufacturer. Suitable for Toyota, Honda, and Mazda vehicles.

Product (s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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Typical Characteristics:

Property	Weight				
	0W-20	0W-20 Dexos1	5W-20	5W-30	5W-30 Dexos1
		St. Cloud location only			**St. Cloud location only**
API Classification	API SP, SN PLUS, SN, SM, SL	API SP, SN PLUS, SN, SM, SL	API SP, SN PLUS, SN, SM, SL	API SP, SN PLUS, SN, SM, SL	API SP, SN PLUS, SN, SM, SL
ILSAC	ILSAC GF-6A	ILSAC GF-6A	ILSAC GF-6A	ILSAC GF-6A	ILSAC GF-6A
General Motors					
Meets Requirements:					
Ford	WSS-M2C962-A WSS-M2C947	WSS-M2C962-A WSS-M2C947	WSS-M2C945-B1 WSS-	WSS-M2C961-A WSS-M2C946	WSS-M2C961-A WSS-M2C946
Chrysler	MS-6395	MS-6395	MS-6395 MS-10797	MS-6395	MS-6395
Viscosity @ 100°C, cSt	8.4	8.4	8.53	10.3	10.3
Viscosity Index	173	173	159	163	163
Noack Volatility %	11.0	11.0	11.0	8.0	8.0

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