



## Mobil Super™ Synthetic

### Full Synthetic Motor Oil

#### Product Description

Mobil Super™ Synthetic is a full synthetic high-performance motor oil, which provides excellent high temperature protection even under severe operating conditions.

Mobil Super Synthetic is designed to help provide long engine life and outstanding protection in vehicles of all ages, outperforming our conventional-synthetic blended products.

These oils provide outstanding protection against sludge, engine rust and corrosion under severe and low-temperature operating conditions and provide optimum viscosity and fluidity across a broad range of temperatures.

Mobil Super Synthetic oils are available in four multi-viscosity grades: SAE 0W-20, 5W-20, 5W-30 and 10W-30.

Mobil Super Synthetic 0W-20, 5W-20, 5W-30 and 10W-30 are classified by The American Petroleum Institute (API) as "Resource Conserving" engine lubricants and meet or exceed ILSAC GF-5. Those claims are backward compatible with earlier performance levels such as API SM, SL, and SJ and previous ILSAC categories.

Mobil Super Synthetic 5W-30 is approved against General Motors dexos1™ under the license GB1C0124015.

#### Features and Benefits

- Helps extend engine life
- Outstanding wear protection for vehicles of all ages
- Excellent high temperature protection to help keep engines cool
- Permits extended operation at elevated temperatures (up to 400° F) without oxidative oil thickening and oil breakdown.
- Helps control oil consumption and loss
- Mobil Super Synthetic 0W-20 is suitable for use in Honda and Toyota vehicles where a 0W-20 viscosity is required.
- Allows easy starting and rapid oil circulation during cold starts to protect critical engine parts.
- Protection beyond our conventional-synthetic blended products
- Guaranteed protection with Mobil Super Limited Warranty\*
- Meets or exceeds the latest industry specifications
- API SN Resource Conserving

#### Applications

Mobil Super Synthetic 5W-20, 5W-30 and 10W-30 are recommended for gasoline fueled automobiles and light duty trucks requiring an API SN, SM, SL or SJ. They meet ILSAC GF-5 (Starburst Certification Symbol).

Mobil Super Synthetic 0W-20 is suitable for use in Honda and Toyota vehicles where a 0W-20 viscosity is required.

Before using Mobil Super Synthetic motor oils, consult the owner's manual of the vehicle for the manufacturer's recommended viscosity grade and API Service Classification.

#### Specifications and Approvals

**Mobil Super Synthetic has the following builder approvals:**

GM dexos1™ under license GB1C0124015

0W-20	5W-20	5W-30	10W-30
		X	

**Mobil Super Synthetic meets or exceeds the requirements of:**

	0W-20	5W-20	5W-30	10W-30
API SN	X	X	X	X
API SM	X	X	X	X
API SL	X	X	X	X
API SJ	X	X	X	X
API SN Resource Conserving	X	X	X	X
ILSAC GF-5	X	X	X	X
Ford WSS-M2C945-A		X		
Ford WSS-M2C946-A			X	
Ford WSS-M2C947-A	X			
Chrysler MS-6395	X	X		X

	0W-20	5W-20	5W-30	10W-30
Ford WSS-M2C930-A		X		
Ford WSS-M2C929-A			X	
GM 6094M		X	X	X

**Typical Properties**

Mobil Super Synthetic	0W-20	5W-20	5W-30	10W-30
API Service Classification	SN	SN	SN	SN
Gravity, API	35.4	34.9	34.5	33.9
Specific Gravity	0.848	0.850	0.852	0.855
Pour Point, °C (°F)	-42(-44)	-39(-38)	-39(-38)	-39(-38)
Flash Point, °C (°F), ASTM D 92	238(460)	234(453)	212(413)	252(486)
Viscosity				
cSt at 40°C	44.9	49.6	61.1	64.4
cSt at 100°C	8.6	8.8	10.5	10.5
CCS, cP	5670@-35°C	4670@-30°C	5000@-30°C	4070@-25°C
MRV, cP	26,800@-40°C	13,200@-35°C	20,500@-35°C	13,400@-30°C
Viscosity Index	173	158	162	152
Resource Conserving	Yes	Yes	Yes	Yes

\*Some limitations apply. For more specific details see the Mobil Super Limited Warranty available at [www.mobil.com/guarantee](http://www.mobil.com/guarantee).

**Health and Safety**

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available

upon request through your sales contract office, or via the internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)

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