



## IGNITE MS FULLY SYNTHETIC

### PRODUCT DESCRIPTION:

IGNITE MS oils are advanced fully synthetic engine oils engineered to provide exceptional engine protection. These oils comply with the "Mid SAPS" specifications for passenger car lubricants, with phosphorus levels of 0.08% and sulphated ash levels of 0.8%. Designed to offer improved oxidation resistance, superior deposit protection, enhanced wear protection, better fuel economy, and excellent low-temperature performance, IGNITE MS oils ensure reliable performance throughout the life of the oil.

### APPLICATION:

Suitable for gasoline and diesel fueled automobiles requiring ACEA C3 or ACEA C5 and API SN/CF class engine oils in select SAE viscosity grades.

### FEATURES & BENEFITS:

- Outstanding wear protection under a wide variety of operating conditions.
- Special cleaning additive to help prevent the formation of sludge and harmful deposits.
- Optimal engine operating temperature, owing to thermal control formula.
- Limits formation of deposits on the most loaded engine parts.
- Provides safe operation of catalytic exhaust converters.
- Resistant to extreme thermal load, due to high quality of base oil.
- Enables fast and easy start in extreme temperature conditions.

### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	0W-20	0W-30	0W-40	5W-20	5W-30	5W-40
API	SN/CF	SN/CF	SN/CF	SN/CF-RC	SN/CF	SN/CF
ACEA-22	C5/C6	C2/C3	C3	C5/C6	C2/C3	C3
ILSAC	-	-	-	GF-5	-	-
JLR	51.5122	-	-	03.5004	-	-
MB	229.71	229.52/226.5	229.52/226.5	-	229.52/226.5	229.52/226.5
BMW	-	LL-04	LL-04	-	LL-04	LL-04
Renault	-	RN0700/0710	RN0700/0710	-	RN0700/0710	RN0700/0710
GM	-	Dexos 2	Dexos 2	-	Dexos 2	Dexos 2
Porsche	-	-	C40	-	-	C40
Volvo	VCC RBS0-2AE	-	-	-	-	-
Ford	-	-	-	948A/948B	-	917A
VW	-	505 00/505 01	505 00/505 01	-	505 00/505 01	505 00/505 01

### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	IGNITE MS					
			0W-20	0W-30	0W-40	5W-20	5W-30	5W-40
SAE Grades								
Kinematic Viscosity @ 104°F /40°C	D445	cSt	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D445	cSt	8.7	11.8	14.9	8.9	11.6	15
Viscosity Index (min)	D2270	-	150	160	170	150	160	160
Density@15°C/ 60°F	D4052	g/cm <sup>3</sup>	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220	220	220	220
Pour Point (max)	D97	°C	-39	-39	-39	-39	-39	-39
TBN	D2896	mg KOH/g	8	8	8	8	8	8
CCS, (°C)	D5293	m.Pa.S	<6200 (-35°C)	<6200 (-35°C)	<6200 (-35°C)	<6600 (-30°C)	<6600 (-30°C)	<6600 (-30°C)

DISCLAIMER: The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [Phoenixlubricants.com](http://Phoenixlubricants.com)

