



## SWIFT MSP

### FULLY SYNTHETIC

#### PRODUCT DESCRIPTION:

Swift MSP is an advanced low-friction motor oil blended for highly stressed downsized engines with maximum power output, for extreme fuel-economy characteristics and reduced CO<sub>2</sub> emission. It ensures optimum lubrication, outstanding lubricating film stability, and minimum wear and deposits even under extreme loads. Swift MSP is ideally suited for engines with start/stop systems and it guarantees maximum performance with low fuel consumption.

#### APPLICATION:

Recommended for gasoline and diesel vehicles. Specially developed for the requirements of BMW, GM, Mercedes-Benz, Opel and other manufacturers.

#### FEATURES & BENEFITS:

- Outstanding engine cleanliness.
- Excellent high and low temperature behavior.
- Excellent wear protection.
- High shear stability.
- Fully compatible with turbochargers and catalytic converters.
- Optimum oil pressure under all operating conditions.
- Optimum stability to aging.
- Long engine service life.

#### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	5W-30	0W-30	0W-20
API	SN PLUS/ SP	SN PLUS/ SP	SN PLUS/ SP
ACEA 2016	C2	C2	C5
BMW	-	LL-12FE	LL-17 FE+
MB	229.61	229.61	229.71
OPEL	OV 040 1547	OV 040 1547	OV 040 1547
GM	-	-	DEXOS D
LAND ROVER	-	-	STJLR.03.5006
VOLVO	-	-	VCC RBS0-2AE

#### TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	SWIFT MSP (TYPICAL SPECIFICATION)		
			5W-30	0W-30	0W-20
Grade					
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	9.7	9.8	8.1
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	53.4	52.8	41.2
Viscosity Index	D-2270	-	170	175	175
SP. Gravity @15°C/ 60°F	D-4052	g/cm <sup>3</sup>	0.855	0.853	0.850
Flash Point (min)	D-92	°C	222	222	222
Pour Point (max)	D-97	°C	-42	-42	-42
TBN	D-2896	Mg KOH/g	9	9	9
CCS, (°C)	D-5293	m.Pa.S	<6600	<6200	<6200

#### 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.

#### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office.

#### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

#### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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