

# CHAMPION OEM SPECIFIC 0W20 LS-FE

This full synthetic engine oil is specifically developed to meet the Opel OV 040 1547 - A20 specification. The ultra-low viscosity grade of this lubricant enables the latest engine designs to reach their predetermined fuel-economy goals. In addition to this, the engine oil forms a powerful layer that absorbs harmful particulates and keeps the engine clean and protected. It is suitable for hybrid cars when the OEM specifications are met with.

## APPLICATIONS

This engine oil offers complete protection to a range of modern passenger car and light truck diesel and gasoline engines, equipped with or without emission aftertreatment system. Furthermore, it can be used in combination with the latest fuel types, such as biofuels and ethanol-based fuels. The API SN Plus specification shows the lubricant's compatibility with highly fuel-efficient GDI engines, in which this oil prevents LSPI from damaging the engine components. This engine oil enables some of the most advanced engine designs to reach their targeted fuel-economy levels, which is proven by meeting the MB 229.71 and BMW Longlife-17FE+ specifications.

## FEATURES

Fuel economy: superior fuel economy and CO2 reduction

Cold start: excellent fluidity at low temperature

Aftertreatment protection: full aftertreatment device protection

## SPECIFICATIONS

<b>ACEA</b>	C5	<b>FIAT</b>	9.55535-DSX
<b>ACEA</b>	C6	<b>FIAT</b>	9.55535-GSX
<b>API</b>	approval SQ/RC	<b>FORD</b>	WSS-M2C945-A
<b>API</b>	SN Plus	<b>FORD</b>	WSS-M2C945-B1
<b>API</b>	SN/RC	<b>FORD</b>	WSS-M2C947-A
<b>API</b>	SP	<b>FORD</b>	WSS-M2C947-B1
<b>API</b>	SP/RC	<b>FORD</b>	WSS-M2C952-A1
<b>API</b>	SQ	<b>FORD</b>	WSS-M2C962-A1
<b>ILSAC</b>	approval GF-7 A	<b>GM</b>	DexosD™
<b>ILSAC</b>	GF-5	<b>GMC</b>	SFU
<b>ILSAC</b>	GF-6 A	<b>HONDA</b>	SFU
<b>ACURA</b>	SFU	<b>HYUNDAI</b>	SFU
<b>ASTON MARTIN</b>	SFU	<b>INFINITI</b>	SFU
<b>BMW</b>	approval LONGLIFE-17FE+	<b>JAGUAR-LAND ROVER</b>	approval STJLR.03.5006
<b>BMW</b>	LONGLIFE-14FE+	<b>JAGUAR-LAND ROVER</b>	STJLR.51.5122
<b>BUICK</b>	SFU	<b>JEEP</b>	SFU
<b>CADILLAC</b>	SFU	<b>KIA</b>	SFU
<b>CHEVROLET</b>	SFU	<b>LEXUS</b>	SFU
<b>CHRYSLER</b>	MS 12145	<b>LINCOLN</b>	SFU
<b>CHRYSLER</b>	MS 6395	<b>MAZDA</b>	SFU
<b>DODGE</b>	SFU	<b>MB</b>	229.72
<b>FIAT</b>	9.55535-CR1	<b>MB</b>	approval 229.71
<b>FIAT</b>	9.55535-DM1	<b>MG</b>	SFU

### CHAMPION CHEMICALS NV

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[www.championlubes.com](http://www.championlubes.com)

**CHAMPION**  
LUBRICANTS

<b>MITSUBISHI</b>	SFU	<b>SUBARU</b>	SFU
<b>NISSAN</b>	SFU	<b>SUZUKI</b>	SFU
<b>OPEL</b>	approval OV 040 1547 - A20	<b>TATA</b>	SFU
<b>PERODUA</b>	SFU	<b>TIANJIN</b>	SFU
<b>ROEWE</b>	SFU	<b>TOYOTA</b>	SFU
<b>SCION</b>	SFU	<b>VOLVO</b>	approval VCC RBS0-2AE

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.845
Kinematic viscosity at 40°C	ASTM D445	mm²/s	40.64
Kinematic viscosity at 100°C	ASTM D445	mm²/s	8.06
Viscosity index	ASTM D2270		176
B.N. [HClO4 method]	ASTM D2896	mg KOH/g	7.7
Pour point	ASTM D6892	°C	-57
Sulfated Ash	ASTM D874	Mass %	0.7
Flash Point COC	ASTM D92	°C	210

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

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