



## OPALJET ACE FE 0W20

100% SYNTHETIC OIL FOR ENGINE MERCEDES



## LIGHT VEHICLES RANGE

ENGINE  
100% SYNTHETIC  
SAE 0W-20

Mineral

Semi-  
synthetic100%  
synthetic

## STANDARDS AND SPECIFICATIONS

ACEA C5, C6-21  
API SP / SP-RC  
MB-Approval 229.71  
MB 229.72  
OPEL OV0401547

Engine cleanliness

Oxidation resistance

Shear stability



## APPLICATIONS

**OPALJET ACE FE 0W20** is a 100% synthetic FUEL ECO lubricant, formulated for diesel or petrol passenger engines with or without particulate filters, compatible with the most recent fuels, such as biofuels and ethanol-based fuels.

**OPALJET ACE FE 0W20** meets the new ACEA C6 standard providing protection against low-speed pre-ignition (LSPI) of direct injection petrol engines, and protection against diesel turbocharger compressor deposits.

**OPALJET ACE FE 0W20** has been developed for the latest-generation petrol and diesel engines from MERCEDES requiring the MB 229.71 standard, providing the product with remarkable energy-saving performance (up to 1% compared to 5W-30 MB 229.51 oil).

**OPALJET ACE FE 0W20** meets the new specification of the PSA group: Opel OV0401547.

**OPALJET ACE FE 0W20** is recommended in Kia / Hyundai / Suzuki and Toyota vehicles where the standard ACEA-C5 in grade 0W20 is required

## BENEFITS

- Excellent shear stability to maintain sufficient viscosity at 100°C and 150°C, in accordance with VOLVO requirements, to ensure good lubrication at high temperatures.
- Protection of post-treatment systems thanks to the low ash, sulphur and phosphorus content: improves the longevity of particulate filters (PFs) and protects catalysts.
- Thanks to its low cold viscosity (SAE 0W grade), the fluid circulates through the engine more quickly, thus optimising fuel economy and reducing CO2 emissions while providing excellent engine protection against wear.
- Engine protection against LSPI (low-speed pre-ignition): recommended by manufacturers GM, API and Daimler
- Cleanliness and protection of the turbocharger: helps keep hot-running engine components clean, especially by preventing deposits in turbochargers



## PERFORMANCES

**APPROVAL (1)** | MB-Approval 229.71

### PERFORMANCE LEVELS

ACEA C5, C6-21  
API SP / SP-RC  
ILSAC GF-5 / GF-6A  
  
CHRYSLER MS-12145  
FIAT 9.55535-GSX  
FORD WSS-M2C962-A1  
FORD WSS-M2C947-B1  
FORD WSS-M2C945-A1  
JLR STJLR 03-5006-16  
MB 229.72  
OPEL OV0401547  
VOLVO VCC RBS0-2AE

### EXPERIENCE IN OPERATIONAL USE

FIAT 9.55535-DSX  
FORD WSS-M2C948-B  
GM dexos D/ dexos2 Gen2/ GMW 18006

(1) Approval certificate available on request

## CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade	-	-	<b>0W-20</b>
Specific gravity at 20°C	kg/m <sup>3</sup>	NF T 60-101	842
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	43.3
Kinematic viscosity à 100°C	mm <sup>2</sup> /s	NF T 60-100	8.7
Viscosity index	-	NF T 60-136	185
Pour point	°C	NF T 60-105	-48
Flash point	°C	NF T 60-118	232
CCS viscosity at -35°C	mPa.s	ASTM D 5293	6 087
Volatilité Noack	% weight	CEC-L-40-A-93	12.0
Sulfated ash content	% weight	NF T 60-143	0.495
TBN	mg KOH/g	ASTM D 2896	7.5

*This typical data is given for information only*

## HEALTH, SAFETY AND ENVIRONMENT

Elimination must be carried out to conform to the rules set for the disposal of used lubricants.

**Must be stored away from bad weather.**

Should you need further details, our Technical Department remains at your entire disposal.