

# CHAMPION *ECO FLOW* 0W30 C3 FE

This is a full synthetic lubricant based on carefully selected very high quality base oils. It is a "low saps", low viscosity engine oil of the latest generation, for the lubrication of gasoline and diesel engines. Significant fuel economy can be obtained, compared to standard motor oils.

## APPLICATIONS

This product is aimed and specially formulated for usage in diesel and gasoline engines of BMW group passenger vehicles. It can also be used in other OEM diesel and gasoline engines where there is a need for a 0W30 grade low SAPS oil.

## FEATURES

Total engine protection: performance in keeping the engine clean

Fuel economy: superior fuel economy and CO<sub>2</sub> reduction

Cold start: excellent fluidity at low temperature

## SPECIFICATIONS

<b>ACEA</b>	C2	<b>FIAT</b>	9.55535-DS1
<b>ACEA</b>	C3	<b>FIAT</b>	9.55535-GS1
<b>API</b>	SN/CF	<b>MB</b>	229.51
<b>BMW</b>	LOGLIFE-04		

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.842
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	66.6
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	12.1
Viscosity index	ASTM D2270		182
B.N. [HCL04 method]	ASTM D2896	mg KOH/g	7.8
Pour point	ASTM D6892	°C	-54
Sulfated Ash	ASTM D874	Mass %	0.8
Flash Point COC	ASTM D92	°C	224
CCS viscosity at -35°C	ASTM D5293	mPa.s	5900

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

### CHAMPION CHEMICALS NV

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