

# CHAMPION OEM SPECIFIC 5W30 UHPD EXTRA FE

This innovative full synthetic engine oil is your number one choice to service the most fuel-efficient engines by providing a 2% increase in fuel economy compared to previous CJ-4 formulations. It offers complete engine protection thanks to its wear reducing additives, enabling a unique balance between protection and fuel economy. Furthermore, its improved oxidation control and shear stability guarantee optimised fuel economy during the complete oil change interval.

## APPLICATIONS

The formulation of this heavy-duty engine oil enables full compatibility with turbochargers, supercharges and after-treatment systems. It offers complete servicing of the most modern and fuel-efficient engines requiring advanced FA-4 engine oils. It meets the requirements of original equipment manufacturers like the Mercedes-Benz 228.61, JASO DL-0-017 and JASO DH-2-017. It is compatible with emission control technology EURO VI for trucks.

## FEATURES

Aftertreatment protection: full aftertreatment system protection.

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

Total engine protection: outstanding engine cleanliness and durability.

## SPECIFICATIONS

<b>API</b>	approval FA-4	<b>DETROIT DIESEL</b>	DFS 93K223
<b>JASO</b>	DH-1-17	<b>MACK</b>	EOS-5 In Process
<b>JASO</b>	DH-2-17	<b>MB</b>	228.61
<b>JASO</b>	DL-0-17	<b>RENAULT</b>	RLD-5 In Process
<b>CUMMINS</b>	CES 20087	<b>VOLVO</b>	VDS-5 In Process
<b>DAIMLER TRUCK</b>	approval DTFR 15C130		

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.855
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	57.5
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	10.25
Viscosity index	ASTM D2270		168
B.N. (HClO <sub>4</sub> method)	ASTM D2896	mg KOH/g	13.4
Pour point	ASTM D6892	°C	-45
Sulfated Ash	ASTM D874	Mass %	0.8
Flash Point COC	ASTM D92	°C	216

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

G. Gilliatstraat 52 - 2620 Hemiksem - Belgium

Tel. +32 3 870 00 00

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

