

# ACTIVE DEFENCE

## 15W40 PLUS CF-4

*High-quality, universal engine oil of the latest generation, which is suitable for all vehicles, both gasoline and diesel, particularly for mixed fleets. It exhibits good detergent and dispersant properties and a great capacity to neutralize acid. The strong oil film gives it a great lubricity.*

### APPLICATIONS

*Because of its large application field, it is suitable for gasoline engines (four-valve, turbo, etc.) and turbo diesel engines for passenger cars and heavy trucks, even with extended oil change periods.*

### FEATURES

*Total engine protection : performance in keeping the engine clean.*

### SPECIFICATION LEVEL

<b>ACEA</b>	E2-level	<b>MAN</b>	271
<b>ACEA</b>	A3/B4-98	<b>MB</b>	228.1
<b>ALLISON</b>	C4 Level	<b>MTU</b>	Oil Category 1
<b>API</b>	CF-4/SJ	<b>VOLVO</b>	VDS level
<b>CATERPILLAR</b>	TO-2		

### TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.887
Kinematic viscosity at 40°C	ASTM D445	mm²/s	100
Kinematic viscosity at 100°C	ASTM D445	mm²/s	14.0
Viscosity index	ASTM D2270		142
B.N. (HClO4 method)	ASTM D2896	mg KOH/g	7.6
Pour point	ASTM D6892	°C	-30
CCS viscosity at -20°C	ASTM D5293	mPa.s	6800
Sulfated Ash	ASTM D874	Mass %	1.15
Flash Point COC	ASTM D92	°C	228

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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**CHAMPION**