

# CHAMPION ACTIVE DEFENCE 10W40 SN

This is a semi synthetic lubricant based on carefully selected highly refined base oils. This oil is designed for the lubrication of four-stroke petrol and diesel engines of passenger cars and vans. The use of high-quality components ensures that the oil has a great fluidity at low temperature and a stable viscosity at high temperatures. Its low ash formulation is supplemented with an additional anti-oxidant, delivering outstanding performance and long service life.

## APPLICATIONS

This oil is used for most petrol and diesel engines, both normally aspirated and supercharged. It is particularly recommended for direct-injection diesel engines, such as Common Rail, HDI, CDI, etc. Because of its excellent viscosity index it can be used all year round. It meets the latest requirements from both the American and European car manufacturers.

## FEATURES

Total engine protection: excellent engine cleanliness and durability

Cold start: very good fluidity at low temperature

## PERFORMANCE

<b>ACEA</b>	A3/B3	<b>API</b>	SN/CF
<b>ACEA</b>	A3/B4	<b>MB</b>	229.1

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.865
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	93
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	13.9
Viscosity index	ASTM D2270		153
B.N. [HCL04 method]	ASTM D2896	mg KOH/g	10.1
Pour point	ASTM D6892	°C	-39
CCS viscosity at -25°C	ASTM D5293	mPa.s	6820
Sulfated Ash	ASTM D874	Mass %	1.03
Flash Point COC	ASTM D92	°C	220

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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