

# CHAMPION OEM SPECIFIC 10W40 S3

This is a semi synthetic lubricant based on carefully selected very high quality base oils. This “long-drain” oil is engineered to provide outstanding lubrication to modern, high performance diesel engines.

## APPLICATIONS

This oil is suitable for Euro IV and Euro V engines. Due to the high ash content, this oil is not suitable for most engines and vehicles equipped with a particulate filter.

## FEATURES

*Emmission compatibility: superior emmission reduction*

*Total engine protection: outstanding engine cleanliness and durability*

*Cold start: very good fluidity at low temperature*

## PERFORMANCE

<b>ACEA</b>	E4	<b>MTU</b>	Oil Category 3
<b>ACEA</b>	E7	<b>RENAULT</b>	approval RLD-2
<b>CUMMINS</b>	CES 20072	<b>RENAULT</b>	RLD
<b>DAF</b>	EXTENDED DRAIN	<b>RENAULT</b>	RXD
<b>DEUTZ</b>	DQC-III-10	<b>SCANIA</b>	approval LDF-3
<b>MACK</b>	approval EO-N	<b>SCANIA</b>	LDF-2
<b>MAN</b>	M3277	<b>VOLVO</b>	approval VDS-3
<b>MB</b>	228.5		

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.870
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	86.3
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	13.3
Viscosity index	ASTM D2270		155
B.N. [HClO4 method]	ASTM D2896	mg KOH/g	16.1
Pour point	ASTM D6892	°C	-39
CCS viscosity at -25°C	ASTM D5293	mPa.s	6700
Sulfated Ash	ASTM D874	Mass %	1.9
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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