

## PRO-TEC ULTRA 15W40

### DESCRIPTION :

PRO-TEC ULTRA 15W40 is a "LOW SAPS" engine oil, composed from especially selected, high quality base oils and adapted additives, which allow to meet the stringent Euro V and American EPA 07 emission requirements.

### APPLICATIONS :

- Suitable for all four-stroke diesel engines of trucks, with or without catalysts (i.e. SCR) or particulate filters.
- Meets the most European and American engine builders requirements.
- Can also be used in older engines (Euro III and IV).
- Exceptional protection against wear and sludge.

### SPECIFICATIONS :

PRO-TEC ULTRA 15W40 meets the following specifications:

SAE	15W40	RENAULT TRUCKS	RLD-3
API	CJ-4, CI-4+, CI-4, SM/CF	MACK	EO-O PP-07
ACEA	E7-04 Issue 2, E9-08 (pending)	CUMMINS	CES 20081
MB	228.31	CATERPILLAR	ECF-2, ECF-3
MAN	M 3275	DDC	93K218
VOLVO	VDS-4	GLOBAL	DHD-1
MTU	Type 2	JASO	DH-1, 2

### TYPICAL CHARACTERISTICS:

Test	Method	Unit	Average result
SAE-class			15W40
Density at 15°C	D 4052	kg / m <sup>3</sup>	870
Viscosity at 100°C	D 445	cSt	13,8
Viscosity at -20°C	D 5293	cP	6400
Viscosity index	D 2270		139
Flash point COC	D 92	°C	225
Pour point	D 6892	°C	-36
TBN	D 2896	g KOH/kg	8,0
Sulphated ash	D 874	mass %	1,0

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

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