

## PRO-TEC TDS 10W40

### DESCRIPTION:

PRO-TEC TDS 10W40 is a synthetic "long-drain" motor oil that satisfies the highest requirements of the leading European manufacturers of heavy trucks.

By its selected composition, it guarantees the highest degree of engine cleanliness.

### APPLICATIONS:

Diesel engines with turbo compression under all service conditions and in all seasons. The high concentration of active additives allows for the longest drain intervals, as prescribed by the manufacturers. Due to the high ash content this oil is not suitable for gasoline engines.

### SPECIFICATIONS:

PRO-TEC TDS 10W40 meets the requirements of the following specifications:

API	CF	MTU	Oil Type 3
ACEA	E4-99 # 3	VOLVO	VDS-3
	E7-04	CUMMINS	CES 20072
MB	228.5	DAF	Extended drain
MAN	M3277	SCANIA	LDF-2
RVI	RLD, RLD-2, RXD, RD-2		

Engine oils following these specifications are known as U.H.P.D.-oils (Ultra High Performance Diesel).

### TYPICAL CHARACTERISTICS:

Test	Method	Unit	Average result
SAE-class			10W40
Density at 15°C	D 4052	kg / m <sup>3</sup>	867
Viscosity at -25°C	D 5293	cP	5900
Viscosity at 40°C	D 445	cSt	86
Viscosity at 100°C	D 445	cSt	13,1
Viscosity index	D 2270		153
Pour point	D 6892	°C	-42
TBN	D 2896	g KOH/kg	16,1
Flash point COC	D 92	°C	243
Sulphated ash	D 874	mass %	1,9

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

