

## PRO-TEC TDX 10W40

### SEMI-SYNTHETIC MOTOR OIL U.H.P.D.

#### DESCRIPTION :

PRO-TEC TDX 10W40 is a partially synthetic Ultra High Performance Diesel (UHPD) engine oil, meeting the highest performance standards for heavy trucks.

#### APPLICATIONS :

PRO-TEC TDX 10W40 is intended for truck fleet operators, seeking the best available lubricating oil technology, in order to meet the increasingly stringent emission limits that are imposed on diesel engines in Europe. This oil meets to the most important European and American specifications.

#### SPECIFICATIONS :

PRO-TEC TDX 10W40 provides the following performance specifications:

API	CI-4, CH-4, CG-4, CF-4, SL/CF	MACK	EO-M Plus
ACEA	E4-99#3, E5-02, E7-04	RENAULT	RXD
MB	229.1, 228.5	MTU	Type 3
MAN	M 3275, M 3277, M 3277 low ash	CAT	ECF 1a
VOLVO	VDS-2	CUMMINS	CES 20076, 20077

#### TYPICAL CHARACTERISTICS :

Test	Method	Unit	Average result
SAE-class			10W40
Density at 15°C	D 4052	kg / m <sup>3</sup>	873
Viscosity at -25°C	D 2602	cP	6100
Viscosity at 40°C	D 445	cSt	101
Viscosity at 100°C	D 445	cSt	13,5
Viscosity index	D 2270		133
Flash point COC	D 92	°C	220
Pour point	D 6892	°C	-36
TBN	D 2896	g KOH/kg	12,2
Sulphated ash	D 874	mass %	1,4
Loss by evaporation	NOACK	mass %	12,5

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

