



# MULTIFLAG TRUCK ST

15W/40

20W/50

14/08/2013

## PRODUCT CATEGORY: 4 STROKE ENGINE OIL

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The **MULTIFLAG TRUCK ST** is long drain multipurpose oil. It can be used for turbocharged diesel engines operating under severe conditions, but it can be also employed in aspirated diesel engines of urban and short-haul transportation, as well as in turbocharged diesel passenger car engines, earth-moving machinery and off-road vehicles.

- **Heavy/mild duty**
- **On/off road**
- **Construction machines**

The product allows much extended oil drain intervals, providing very high quality level of protection to the engine. Being a multigrade oil, it is suitable for use in all temperature conditions and every period of the year. It is available in two different SAE grades: 15W/40 and 20W/50.

The **MULTIFLAG TRUCK ST** is formulated after an accurate selection of the base stocks and of additive packages to boost performances, reliability and durability.

It has a marked resistance to oxidation, thus preventing viscosity variation and possible fluctuations in engine RPM.

Thanks to anti-wear additivation, all the metal parts of the engine are protected by a homogeneous film covering the contact surfaces all-around (e.g.: cylinder wall, piston rings). This means a longer life of the engine and reduction in fuel consumption.

Its relevant polishing capability maintains bores exceptionally clean, avoiding decreases in compression and power losses. It is characterized by:

- **High resistance to oxidation**
- **Polishing power**

## SPECS COMPLIANCE:

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**ACEA** E3

**ALLISON** C4

**API** CG-4 / CF-4 / CF

**DEUTZ** DQC II-05

**MACK** EO-K/02

**MAN** M 3275

**MB** 228.1

**MTU** Type 2

**RENAULT** RD, RDG

**VOLVO** VDS-2



# MULTIFLAG TRUCK ST

## 15W/40                      20W/50

### CHARACTERISTICS (TYPICAL FIGURES):

<i>PROPERTIES</i>	<i>U.M.</i>	<i>SAE 15W/40</i>	<i>SAE 20W/50</i>	<i>METHOD</i>
Aspect	-	clear	clear	
Color	-	3.0	3.5	ASTM D-1500
Density (at 20 °C)	kg/dm <sup>3</sup>	0.880	0.895	ASTM D-4052
Viscosity (at 100 °C)	cSt	14.3	19.1	ASTM D-7279
Viscosity (at 40 °C)	cSt	111	142	ASTM D-7279
Viscosity Index (VI)	-	130	155	ASTM D-2270
Flash point	°C	225	230	ASTM D-92
Pour point	°C	-24	-18	ASTM D-5950
CCS (at -20 °C)	cP	6500	-	ASTM D-5293
CCS (at -15 °C)	cP	-	8900	ASTM D-5293

The above data are not specific and are subject to normal manufacturing tolerances.