

### Fullpro HT 10W-40

Approved Performance with Synthetic Based Technology



#### PRODUCT DESCRIPTION

**Fullpro HT 10W-40**, is a synthetic based diesel engine oil which is developed to meet the high performance requirements of heavy commercial vehicles. Its 3x Protection Technology resists the oxidation and soot formation to keeps engine clean and extends engine life.

#### APPLICATIONS

It is suitable to use in Euro III, IV and V emission standard level engines without Diesel Particulate Filter (DPF). It is also suitable to use in engines equipped with Selectively Catalytic Reduction (SCR) but without Diesel Particulate Filter (DPF)

#### CHARACTERISTICS

- It 3x Protection Technology provides **up to 24% less oil consumption**<sup>1</sup>, **up to 33% more soot stability**<sup>2</sup> and **up to 46% more oxidation resistance**<sup>3</sup> in your engine even under severe operating conditions\*.
- It provides excellent engine wear protection even under extreme operating conditions .
- Its active cleaning feature controls the deposit and sludge formation at high temperatures, so keeps the engine parts clean.
- Its excellent fluidity during cold weather conditions provides quick lubrication of engine parts during the first start, so protect engine against wear.

1)According to OM602A test limits

2)According to MACK T 8E test limits

3)According to CEC-L-085-099 test limits

#### APPROVALS

- DEUTZ DQC III-10
- MACK EO-N
- MAN M 3277
- MB-APPROVAL 228.5
- RENAULT RLD-2
- VOLVO VDS-3

#### PERFORMANCES

- ACEA E4/E7
- API CI-4
- MTU DDC TYPE-3
- JASO DH-1
- CUMMINS CES 20076/77/78
- GLOBAL DHD-1
- DETROIT DIESEL DDC 93K215

### TYPICAL PROPERTIES

Specific Gravity@15°C, g/ml	ASTM D 4052	0,872
Viscosity@ 40°C, mm <sup>2</sup> /s	ASTM D 445	97,6
Viscosity@100°C, mm <sup>2</sup> /s	ASTM D 445	14,5
Viscosity Index	ASTM D 2270	154
Flash Point, °C	ASTM D 92	227
Pour Point, °C	ASTM D 97	-39
TBN, mgKOH/g	ASTM D 2896	12,6

### HEALTH AND SAFETY RECOMMENDATIONS

Waste oils must not be discharged into underground or surface water sources, sewage systems or garbage cans. Prolonged or repeated contact with used oils may cause skin diseases. Therefore sterilized gloves should always be used. If part of the skin comes into contact with waste oil, that part should be immediately washed with plenty of soap and water. In case of skin irritation or redness caused by contact, seek advice of your doctor immediately. For more information contact Material Safety Data Sheet (MSDS).

*The vehicle and equipment manufacturers specifications and relevant international standards were taken into consideration while preparing the content of this Technical Data Sheet. The expressions in the content of this Technical Data Sheet can not be considered as guarantee commitment or similar way in terms of product characteristics and product use in any applications.*

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