

A lubricant developed to deliver “Low SAPS” technology, essential for long engine life and for maintaining the effectiveness of certain exhaust gas after-treatment systems fitted to the latest generation of Euro 6-compliant engines. This lubricant is also compatible with earlier powertrains (Euro 4 – Euro 5) (HGVs and buses). PRO 200X is also compatible with the standards which limit pollutant emissions for construction vehicles and agriculture: Stage IIIA or Tier 3.

PERFORMANCES

Standards :

ACEA E6/E7

API CI-4/CH-4/CG-4/CF-4

Specifications :

Renault Trucks RLD-2/RXD/RGD*

MB-Approval 228.51*

Mercedes Benz 226.9 (MTR)

MAN M3477*/M3271-1*

VOLVO VDS-3 (homologation en cours)

MTU Type 3.1*

DAF meet Requirements

Deutz DQC-III-10 LA

Cummins CES 20076/77

MACK EO-N

JASO DH-2

* **Approved quality.** Use recommended under manufacturers' warranties.

ORGANISATIONS & MANUFACTURERS - Scope of application -

ACEA E6: For Euro 1/2/3/4/5 systems recommended for engines fitted with EGR, SCR and DPF, extended oil change intervals.

ACEA E7: For Euro 1/2/3/4/5 systems fitted with EGR and SCR but without DPF, extended oil change intervals.

API CI-4: A standard used since 2002 for engines fitted with EGR.

API CH-4/CG4: An American standard used since 1998.

API CF: A specification for diesel engine oil used since 1994 (not recommended in the EU for light duty vehicles).

RXD: ACEA E4 + E7 + Volvo VDS-3 for extended oil change intervals, for Renault engines which meet Euro 5, Euro 6 or Euro 3 emissions standards.

RENAULT RLD-2: ACEA E7-04 + Volvo VDS-3, for standard oil change intervals, for Renault engines which meet Euro 5, Euro 4 or earlier emissions standards.

MB 228.51: For engines fitted with DPF / Extended oil change intervals (ACEA E6) of not more than 120,000 km.

MAN M 3477: For Euro 4/5 engines requiring a low SAPS oil / Extended oil change intervals (ACEA E6) of not more than 100 000 km.

MAN M 3271-1: A specific standard for natural gas engines.

MTU type 3.1: Multigrade oil containing additives which ensure a low ash content.

DEUTZ DQC III-10LA: High performance oil for engines fitted with an after-treatment system (SCR/DPF).

CUMMINS CES 20076: For Cummins engines requiring an API CH4 oil.

CUMMINS CES 20077: For Cummins engines requiring an API CI4 oil.

Mack EO-N: The oils which satisfy this specification are only approved for engines which meet 2004 emissions requirements and older engines with rubber parts and are not approved for the 2007 model and for later engines with rubber parts.

ADVANTAGES

PRO 200X 10W-40 can be used as a refill oil for Euro 4, 5 and 6-compliant heavy duty vehicles, fitted or not with exhaust gas treatment systems, in compliance with the specifications and oil change intervals recommended by the manufacturers.

Characteristics	Standards	Units	Values
Density at 15°C	NFT 60-101	kg/m ³	857
Viscosity at 40°C	ASTM D445	mm ² /s	95
Viscosity at 100°C	ASTM D445	mm ² /s	14
Index Viscosity	NF T 60-136	-	155
Pour point	ASTM D2602	°C	-35
TBN	ASTM D2896	mgKOH/g	≥ 10
Flash point	NF T 60-118	°C	>230

Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.

Documentary reference : III-01-1602
Date of issue : 02/01/2017