

Semi Synthetic Oil

Ultra High Performance Truck (UHPD) Low SAPS engine lubricant

PERFORMANCES

Standards :

ACEA E6/E9
ACEA E8/E11
API CK-4
JASO DH-2

Spécifications :

VOLVO VDS-4.5
MACK EO-O 4.5
RENAULT VI RLD-3
MTU 3.1
MERCEDES MB 228.51 / 228.31
DAIMLER DTFR 15C110 / 15C100
IVECO 18.1804 TLS E9
DAF motorisations Euro VI
DEUTZ DQC IV-18 LA
MAN M3775 / M3477
CUMMINS CES 20086
CATERPILLAR ECF-3

ADVANTAGES

IGOL PRO CK-4 LD 10W-40 is a high-performance lubricant specially adapted to the latest generation of heavy-duty diesel engines equipped with after-treatment systems (DPF-DPF-SCR-EGR-Ad Blue) and able to reach the maximum oil change intervals recommended by the manufacturers

- ✓ **Low Ash** formulation for protection against particulate filter clogging.
- ✓ Compatible with recent anti-pollution standards: **Euro VI - TIER 5 - Stage V**
- ✓ Ideal for **rationalization** in the case of a multi-brand fleet.
- ✓ Optimizes engine cleanliness.
- ✓ Reduces greenhouse gas emissions
- ✓ Reduces deposit formation on pistons.
- ✓ Increased shear stability, **HTHS measurement above 3.5 mPaS**

Technical data sheet



APPLICATIONS

In addition to its use in road transport, and thanks to its technical properties, the formulation of **IGOL PRO CK-4 LD 10W-40** meets or exceeds the requirements of many manufacturers in the field of public works and agriculture, particularly when these require the use of low ash oil and a SAE 10W-40 grade :

**HIDROMEK / JOHN DEERE / MANITOU / KOMATSU / JCB / HITACHI / CASE IH
LIEBHERR / DOOSAN / KOBELCO / HYUNDAI / KUBOTA**

Note: Before use, always check the manufacturer's recommendations

PHYSICO-CHEMICAL PROPERTIES

Characteristics	Standards	Units	Values
Density at 20°C	ASTM D4052	g/cm ³	0.862
Viscosity at 40°C	ASTM D7042	mm ² /s	87.9
Viscosity at 100°C	ASTM D7042	mm ² /s	13.7
HTHS viscosity	ASTM D4683	mPa s	3.70
Viscosity index	ASTM D2270	-	≥ 157
Pour point	ASTM D97 B	°C	-40
CCS at -25°C	ASTM D5293-20	mPa.s	5709
COC flash point	ASTM D92	°C	≥ 235
TBN (Alkalinity reserve)	ASTM D2896	Mg KOH/g	10

IGOL PRO CK-4 LD 10W-40 is miscible with most conventional oils but to ensure its performance level it is recommended that a complete oil change be carried out.

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.

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