



PLATINUM ULTOR COMPLETE 10W-40

API: CI-4/CJ-4/CK-4, SN ACEA: E6, E7, E9



Platinum Ultor Complete 10W-40 is an engine oil recommended for diesel engines operating under severe conditions. It is designed for engines meeting Euro VI, V and lower standards. Recommended for environmentally conscious vehicles equipped with low-emission engines, equipped with exhaust treatment devices such as DPF, EGR/SCR NOx.

APPROVALS: MB-APPROVAL 228.51; VOLVO VDS-4; RENAULT RVI RLD-3; MACK EO-O PREMIUM PLUS; DEUTZ DQC IV-10 LA; MTU TYPE 3.1; THIS PRODUCT MEETS CUMMINS® ENG. STD. 20081

MEETS THE REQUIREMENTS OF: MAN M3477; CATERPILLAR ECF-3; DDC 93K218; JASO DH-2



PLATINUM ULTOR PROGRESS 10W-40

API: CI-4 ACEA: E6, E7, E9



Latest generation, synthetic UHPDO type oil, especially developed for European diesel engines meeting the most stringent Euro VI and Euro V emission standards. It is recommended for diesel engines fueled with low sulphur fuel (max. 50 ppm), equipped with exhaust gas recirculation systems, with or without diesel particulate filters and for engines with a selective catalyst reducing nitrogen oxides in exhaust gases. Key benefits: compatibility with exhaust gas filtering equipment and catalytic converters and compliance with Euro VI, V, IV, III, II, I emission standards. It also meets EPA Tier I and II standards for NOx and PM (particulate matter) emissions.

APPROVALS: MB-APPROVAL 228.51; VOLVO VDS-3; RENAULT RVI RLD-2; MACK EO-N; MTU TYPE 3.1; DEUTZ DQC-IV-18 LA; THIS PRODUCT MEETS CUMMINS ENG. STD. CES20076/77

MEETS THE REQUIREMENTS OF: MAN M3477; MAN 3271-1, DAF; JASO DH-2; CATERPILLAR ECF 1A; DEUTZ DQC TTCD; RENAULT RXD/RGD; MAZ



PLATINUM ULTOR EXTREME 10W-40

API: CI-4/CH-4/CG-4 ACEA: E7, E4



Latest generation semi-synthetic UHPDO engine oil, especially developed for modern diesel engines operating in very severe conditions with maximally extended interchange period, simultaneously meeting the Euro V emission standards. It is especially designed for modern diesel engines meeting Euro V requirements and equipped with SCR catalytic converters. It can also be successfully used in engines meeting Euro IV, III requirements, where the vehicle manufacturer recommends the use of engine oil of this class. It is also recommended for petrol engines operating at heavy loads. In terms of NOx and PM (particulate matter) also meets EPA Tier 3, EPA Tier 2 and EPA Tier 1 standards.

APPROVALS: MAN M3277; MB-APPROVAL 228.5; VOLVO VDS-3; MACK EO-N; RENAULT VI RLD-2

MEETS THE REQUIREMENTS OF: DEUTZ DQC-LLL-10; MTU TYPE 2; MTU TYPE 3; MAN 3275; JASO DH-1; GLOBAL DHD-1; DDC 93K215; ALLISON C-4



PLATINUM ULTOR PERFECT 5W-30

Quality class: ACEA: E6, E7, E9
API: CJ-4 / SN
Viscosity grad: SAE: 5W-30

GENERAL FEATURES:

Platinum Ultor Perfect 5W-30 is a superior quality, Ultra High Performance Diesel Oil formed by blending synthetic base oil and advanced system of "Low SAPS" enriching additives. This has enabled both, the maximum engine protection, proved by a series of engine tests, and a prolonged trouble-free performance of combustion gas aftertreatment systems installed in vehicles meeting the requirements of Euro V, Euro VI and EPA Tier 4. Application of ingredients reducing friction between interacting components guarantees reduced fuel consumption and maximised engine power. Guarantee: Engine protection proved in a series of tests; Reduced fuel consumption; Compatibility with combustion gas aftertreatment systems.

APPLICATION:

Platinum Ultor Perfect 5W-30 is intended for modern engines of trucks equipped with advanced combustion gas aftertreatment systems, such as EGR recirculation system and diesel particulate filters (DPF). With excellent low-temperature performance the engine is also protected during cold start in winter, when it is most prone to breakdown due to insufficient lubrication.

Suitable for use in vehicles with CNG engines.

STANDARDS, APPROVALS. SPECIFICATION:

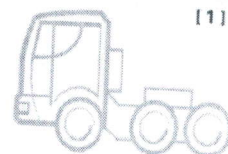
Scania LA
MB-Approval 228.51
MAN M3477
MAN M3677
VOLVO VDS-4
MACK EO-O PREMIUM PLUS 07
RENAULT VI RLD-3
Meet requirements :
CUMMINS CES 20078, CES 20081
MERCEDES-BENZ MB228.31,
DETROIT DIESEL EXTRANET 93K218
DEUTZ DQC IV-10 LA
JASO DH-2



MTU TYPE 3.1
VOLVO VDS-3

PARAMETERS	UNIT	TYPICAL VALUES
SAE viscosity grade	-	5W-30
Kinematic viscosity at 100oC	mm ² /s	11,5
Viscosity index	-	160
Total base number	mgKOH/g	10
Flow temperature	oC	-45

NOTE:
Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.





PLATINUM ULTOR FUTURO 15W-40

Quality class: API: CJ-4/ CI-4 Plus/ CI-4, SM/CF
ACEA: E9, E7
Viscosity grad: SAE: 15W-40

GENERAL FEATURES:

Highest quality engine oil type SHPD has been obtained on the basis of high-grade base oil API Group II and perfectly chosen, created according to newest technology Mid-SAPS, an enriching additive package with a unique formula of molecules.

It provides:

- improved durability, reliability and excellent engine capacity,
- extending the service filter life – thanks to Mid-SAPS technology,
- perfect protect and engine cleanness by maintenance soot in suspension,
- excellent resistance to corrosion and thermal-oxidative stability,
- reduction of fuel consumption,
- maximum engine power at extreme conditions,
- extending periods between oil exchanges,
- meets requirement for the emission of the harmful combustion gas, providing a save work of catalytic exhaust converter

APPLICATION:

Platinum Ultor Futuro 15W-40 is intended for all types of Diesel engines, both passenger and heavy duty – also those low-emissions. It is especially recommended to engines with gases recirculation, where new technologies which decreasing emission of harmful substance into the atmosphere, were used. This oil is compatible with all exhaust treatment devices (EGR/SCR, DOC, DPF) and it has to extend live of solid filter elements (DPF). Thanks to modern technology Mid-SAPS and use base oils group II (low sulfur content) it meets the newest requirements of emission standards for Euro V, and ACEA E9 might in future be the minimum requirements level of future emission standards for Euro VI. It also can be applied in vehicles where Euro IV are required. Platinum Ultor Futuro 15W-40 guarantee extended interchange periods, which lowers the engine exploitation costs, and therefore excellently suited for application in mixed fleets. Perfect viscosity properties provide easy cold starting an engine as well as good oil pampability in low temperature. It meets world life requirements of quality class Global DHD-1.



STANDARDS, APPROVALS. SPECIFICATION:

MAN M3575
 VOLVO VDS-4
 RENAULT RVI RLD-3
 MACK EO-O PREMIUM PLUS
 MB-APPROVAL 228.31
 CUMMINS CES 20081

Approved for use in heavy equipment of Huta Stalowa Wola (HSW)

It meets provision of the following:

MTU TYPE 2.1
 CATERPILLAR ECF-2, ECF-3
 DDC 93K218
 GLOBAL DHD-1
 JASO DH-1,2
 MAZ

RECOMMENDATIONS, REFERENCES

ISUZU

PARAMETERS	UNIT	TYPICAL VALUES
SAE viscosity grade	-	15W-40
Kinematic viscosity at 100°C	mm ² /s	14,93
HTHS viscosity at 150°C	MPa·s	4,16
Viscosity Index	-	136
Flow temperature	°C	-30
Ignition temperature	°C	230
Base value TBN	mg KOH/g	7,83
Sulphur ash	%	0,96

NOTE:
 Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.

