



DEOTEC PLATINUM HD SYNTHETIC / SEMI SYNTHETIC / MINERAL

PRODUCT DESCRIPTION:

DEOTEC Platinum HD is a premium semi-synthetic heavy-duty diesel engine oil designed for extended oil drain intervals. It is formulated to enhance engine longevity in demanding on- and off-highway conditions, while providing superior performance in modern, high-output, low-emission engines equipped with EGR technology. This oil is also fully compatible with advanced exhaust after-treatment systems, including DPF, DOC, and SCR. Its exceptional low-temperature fluidity and pumpability, combined with an advanced additive system, ensure optimal engine wear protection and prolonged engine life.

APPLICATION:

DEOTEC Platinum HD is recommended for heavy-duty diesel engines including Euro V/VI modern low emission vehicles, utilizing technologies such as Diesel Particulate Filter (DPF), Selective Catalytic Reduction (SCR), Continuously Regenerating Traps (CRT), Diesel Oxidation Catalysts (DOC) and Exhaust Gas Recirculation (EGR). It is also recommended for High-performance diesel applications including turbo-charged designs featuring EGR technology and diesel applications using older, naturally aspirated conventional designs. On-highway heavy-duty trucking and off-highway including construction, mining, quarrying, and agriculture.

FEATURES & BENEFITS:

- Excellent control of oil thickening due to soot build-up.
- Outstanding TBN retention for long drain intervals.
- Outstanding resistance to oil consumption, oxidation, corrosive and abrasive wear.
- Designed to control aeration exceptionally
- Excellent shear stability
- Improved oxidation stability

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	0W-30	0W-40	5W-30	5W-40	10W-30	10W-40	15W-40
API	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN
ACEA 2022	E9/E11	E9/E11	E9/E11	E9/E11	E9/E11	E9/E11	E9/E11
Caterpillar	ECF-3	ECF-3	ECF-3	ECF-3	ECF-3	ECF-3	ECF-3
Volvo	VDS-4.5	VDS-4.5	VDS-4.5	VDS-4.5	VDS-4.5	VDS-4.5	VDS-4.5
Cummins	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086
MB	-	-	228.31	228.31	228.31	228.31	228.31
MAN	M3775	M3775	M3775	M3775	M3775	M3775	M3775
Deutz	DQC III-18 LA	DQC III-18 LA	DQC III-18 LA	DQC III-18 LA	DQC III-18 LA	DQC III-18 LA	DQC III-18 LA
Renault	RLD3	RLD3	RLD3	RLD3	RLD3	RLD3	RLD3
Mack	EOS 4.5	EOS 4.5	EOS 4.5	EOS 4.5	EOS 4.5	EOS 4.5	EOS 4.5
DDC	-	-	93K222	93K222	93K222	93K222	93K222
MTU	-	-	Type 2.1	Type 2.1	Type 2.1	Type 2.1	Type 2.1
FORD	WSS- M2C171-F1	WSS- M2C171-F1	WSS- M2C171-F1	WSS- M2C171-F1	WSS- M2C171-F1	WSS- M2C171-F1	WSS- M2C171-F1



TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	DEOTEC PLATINUM NEO						
			0W-30	0W-40	5W-30	5W-40	10W-30	10W-40	15W-40
Grade			TBR	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	11.9	15.1	11.9	15.1	11.8	15.2	15.3
Viscosity Index (min)	D2270	-	160	170	160	160	145	145	135
Density@15°C/ 60°F	D4052	g/cm ³	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220	220	220	220	220
Pour Point (max)	D97	°C	-39	-39	-39	-39	-36	-36	-33
TBN	D2896	mg KOH/g	8	8	8	8	8	8	8
CCS	D5293	m.Pa.S	<6200 (-35°C)	<6200 (-35°C)	<6600 (-30°C)	<6600 (-30°C)	<7000 (-25°C)	<7000 (-25°C)	< 7000 (-20°C)

DISCLAIMER: The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com