



DEOTEC PLATINUM SYNTHETIC / SEMI SYNTHETIC / MINERAL

PRODUCT DESCRIPTION:

DEOTEC PLATINUM is a premium heavy-duty engine oil designed to extend engine life in the most demanding on- and off-highway applications. It delivers exceptional performance in modern high-output, low-emission engines equipped with EGR, DPF, DOC, and SCR-AdBlue NOx reduction systems. Featuring outstanding low-temperature fluidity and pumpability, combined with an advanced additive system, it ensures superior wear protection and prolonged engine life. DEOTEC PLATINUM is tailored for on-road vehicles meeting Euro VI standards and off-road vehicles complying with EU Stage IIIA, IIIB, IV, and US Tier 4 emission requirements.

APPLICATION:

DEOTEC PLATINUM is developed for heavy-duty vehicles requiring ACEA E8/E11 and API CK-4 specifications. It exceeds the requirements of the heavy-duty fleet such as Scania, MAN, Mercedes Benz, Cummins, Volvo, IVECO, MTU, and Caterpillar.

FEATURES & BENEFITS:

- Exceptional Soot dispersancy and wear control.
- Optimum DPF (Diesel Particulate Filter) life.
- Exceptional cold start protection.
- Excellent shear stability.
- Improved oxidation stability.
- Best-in-class engine cleanliness.

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	0W-30	0W-40	5W-30	5W-40	10W-30	10W-40	15W-40	20W-50
API	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN
ACEA 2022	E8/E11	E8/E11	E8/E11	E8/E11	E8/E11	E8/E11	E8/E11	E8/E11
Caterpillar	ECF-3	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	VDS-4.5
Cummins	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086
MB	-	-	15C110/228.52	15C110/228.52	15C110/228.52	15C110/228.52	15C110/228.52	15C110/228.52
MAN	M3271-1/ M3477/M3677/ M3775/M3777	M3271-1/ M3477/M3575/ M3775	M3271-1/ M3477/M3677/ M3775/M3777	M3271-1/ M3477/M3575/ M3775	M3271-1/ M3477/M3677/ M3775/M3777	M3271-1/ M3477/M3575/ M3775	M3271-1/ M3477/M3575/ M3775	M3271-1/ M3477/M3575/ M3775
Deutz	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA
Renault	RLD4	RLD4	RLD4	RLD4	RLD4	RLD4	RLD4	RLD4
Scania	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4
Mack	EOS 4.5	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	93K222
MTU	-	-	Type 3.1	-	-	Type 3.1	Type 3.1	Type 3.1
JASO	DH2	DH2	DH2	DH2	DH2	DH2	DH2	DH2



TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	DEOTEC PLATINUM							
			0W-30	0W-40	5W-30	5W-40	10W-30	10W-40	15W-40	20W-50
Grade			TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	11.8	14.9	11.8	15	11.7	15.1	15.1	19.6
Viscosity Index (min)	D2270	-	160	170	160	160	145	145	135	120
Density@15°C/ 60°F	D4052	g/cm ³	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220	220	220	220	220	220
Pour Point (max)	D97	°C	-39	-39	-39	-39	-36	-36	-33	-24
TBN	D2896	mg KOH/g	10	10	10	10	10	10	10	10
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)	<9500 (-15°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