

UNITED PLATINUM DX

Product Description

Fully Synthetic Diesel Engine oil formulated to meet heavy-duty oil API CK-4 criteria for heavy-duty vehicles. This oil improves engine performance that are being addressed which includes oxidation stability, shear stability and aeration.

This oil not only meets API credentials, but also the latest original equipment manufacturers (OEMs) performance specifications in appropriate grades and base stocks - including Caterpillar, Cummins, Detroit Diesel, Mack, Renault, Volvo, Mercedes-Benz, MAN, and Ford. It also meets the self-certifying requirements of ACEA E9.

Applications / Benefits

- * Better engine protection, minimizes oil consumption
- * Satisfies most diesel engine OEM oil demands
- * Particularly suitable for the modern diesel engine
- * Provides better fuel economy and reduces GHG emissions

Typical Characteristics

Test Description	Method	Unit	10W30	10W40	15W40
SAE Viscosity Grade	SAE J 300	-	10W30	10W40	15W40
Density @ 15 °C	ASTM D 4052	kg/L	0.860	0.860	0.861
Flash Point	ASTM D 92	°C	224	226	230
Pour Point	ASTM D 97	°C	-30	-30	-27
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	77.3	95.8	99.8
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	11.7	14.5	14.5
Viscosity Index	ASTM D 2270	-	145	157	150
TBN	ASTM D 2896	mgKOH/g	9.8	9.8	9.8
HTHS	ASTM D 5481	cP	≥2.9	≥3.5	≥3.7

Specifications, Approvals & Recommendations

* API	CK-4
* API	SN IN SAE 10W40 AND SAE 15W40
* ACEA	E7
* ACEA	E9
* ALLISON	TES 439 IN SAE 15W40
* CATERPILLAR	ECF-3
* CUMMINS	CES 20086
* DETROIT DIESEL	DFS 93K222
* DEUTZ	DQC III
* FORD	WSS-M2C171-F1
* JASO	DH-2
* MACK	EOS-4.5
* MACK	EO-O Premium Plus
* MACK	EO-N
* MAN	M3775
* MERCEDES BENZ	MB 228.31
* MTU	CAT 2.1
* RENAULT	RLD-4
* VOLVO	VDS-4.5

Reference No.
5142G3CK4REV0

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