UNITED PLATINUM EURO

Product Description

Ultra High Performance Diesel (UHPD) low ash lubricant tailored to meet ACEA E6 and E9 as well as Scania LDF-4 for selected viscosity grades. It is formulated with high quality synthetic base fluids paired with an advanced technology core additive package. The oil delivers top-tier engine protection and improves engine performances through oxidation stability, shear stability and deposit control.

The product provides high temperature protection in all grades, dramatically reducing carbon deposit formation and effectively neutralises harmful acids. This results in oil consumption reduction as well as helping to meet maximum Oil Drain Intervals (ODI) with ease.

The oil assists in meeting Euro V and Euro VI emission requirements and is suitable for use with NOx reduction systems and particulate filters as well as being designed for use in combination with low sulfur diesel fuel (maximum 50 ppm).

Applications / Benefits

*   Enhances piston cleanliness
*   Satisfies wide variety of OEM demands
*   Provides superb performance even with extended drain interval
*   Suits Euro V and VI emission requirements

Typical Characteristics

Test Description	Method	Unit	5W-30	5W-40	10W-40
SAE Viscosity Grade	SAE J 300	-	5W-30	5W-40	10W-40
Density @ 15 ºC	ASTM D 4052	kg/L	0.868	0.859	0.867
Flash Point	ASTM D 92	ºC	218	220	228
Pour Point	ASTM D 97	ºC	-39	-39	-36
Kinematic Viscosity @ 40ºC	ASTM D 445	cSt	64.1	93.7	95.8
Kinematic Viscosity @ 100ºC	ASTM D 445	cSt	10.9	15.0	14.5
Viscosity Index	ASTM D 2270	-	160	170	157
TBN	ASTM D 2896	mgKOH/g	9.5	9.5	9.5
CCS	ASTM D 5293	cP	≤6600	≤6600	≤7000

Specifications, Approvals & Recommendations

		5W30	**5W40**	**10W40**
*	API	CK-4	CK-4	CK-4
*	ACEA	E6	E6	E6
*	ACEA	E9	E9	E9
*	CUMMINS	CES 20086	-	CES 20086
*	DETROIT DIESEL	DFS 93K222	-	DFS 93K222
*	JASO	DH-2	-	DH-2
*	MACK	EOS-4.5	-	EOS-4.5
*	MAN	M3677	-	M3477
*	MERCEDES BENZ	MB 228.51	-	MB 228.51
*	RENAULT	RLD-4	-	RLD-4
*	SCANIA	LDF-4	-	-
*	VOLVO	VDS-4.5	-	VDS-4.5