

OEM SPECIFIC

5W30 UHPD

This is a full synthetic lubricant based on carefully selected very high quality base oils, which satisfies the highest performance standards for large trucks. The formulation includes a state of the art friction modifier for improved fuel economy.

APPLICATIONS

It is recommended for Euro V and most Euro VI engines. Perfectly compatible with all after-treatment systems and devices (EGR, SCR, DPF, etc.) in combination with low sulfur diesel (max 50 ppm).

FEATURES

Aftertreatment protection: full aftertreatment system protection.

Fuel economy: superior fuel economy and CO₂ reduction.

Total engine protection: outstanding engine cleanliness and durability.

SPECIFICATION LEVEL

ACEA	E6-12	MAN	Approval M3677
ACEA	E7-12	MAN	M3271-1
ACEA	E9-12	MB	228.31
API	CJ-4	MB	Approval 228.51
API	SN	MB	235.28
CATERPILLAR	ECF-3	MTU	Type 3.1
CUMMINS	CES 20081	RENAULT	RLD-2
DETROIT DIESEL	93K218	RENAULT	Approval RLD-3
DEUTZ	Approval DQC IV-10 LA	RENAULT	RXD
JASO	DH-2	RENAULT	RGD
MACK	EO-N Premium Plus	VOITH	Retarder Oil Class B
MACK	Approval EO-O Premium Plus	VOLVO	CNG
MACK	EO-M PLUS	VOLVO	VDS-3
MAN	Approval M3477	VOLVO	Approval VDS-4

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.856
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	70.9
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	11.9
Viscosity index	ASTM D2270		165
B.N. (HClO ₄ method)	ASTM D2896	mg KOH/g	9.7
Pour point	ASTM D6892	°C	-51
CCS viscosity at -30°C	ASTM D5293	mPa.s	6200
Sulfated Ash	ASTM D874	Mass %	0.97
Flash Point COC	ASTM D92	°C	220

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