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UNITED HYDRO 800 PLUS

Product Description

Synthetic Diesel Motor Oil specifically formulated for extended drain intervals in the most demanding applications requiring API Service Category CJ-4/SN. It is also designed to meet the OEM requirements for EPA 2010-compliant on-highway and Tier 4 non-road diesel engines equipped with after-treatment systems such as Diesel Oxidation Catalysts (DOC), Diesel Particulate Filters (DPF), and Selective Catalytic Reduction (SCR) systems, while remaining suitable for previous-generation diesel engines.

Formulated with synthetic and hydro-treated base stocks combined with a state-of-the-art additive system, this product delivers extended drain capability for conventional engines while promoting longer engine life and reduced component wear. It achieves this by providing enhanced oil film thickness, superior wear protection, and improved oxidation stability at elevated temperatures. The API CJ-4 performance level further ensures excellent soot-handling capability and outstanding shear stability.

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	
SAE Viscosity Grade	SAE J 300	-	**10W40**
Density @ 15 °C	ASTM D 4052	kg/L	0.870
Flash Point	ASTM D 92	°C	220
Pour Point	ASTM D 97	°C	-33
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	97.2
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	14.6
Viscosity Index	ASTM D 2270	-	156
TBN	ASTM D 2896	mgKOH/g	9.8

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Specifications, Approvals & Recommendations

* API	CJ-4
* API	SN
* ACEA	E9
* ACEA	E7
* ALLISON	C4
* CATERPILLAR	ECF-3
* CATERPILLAR	ECF-2
* CATERPILLAR	ECF-1A
* CUMMINS	CES 20081
* CUMMINS	CES 20077
* CUMMINS	CES 20076
* CUMMINS	CES 20071
* DETROIT DIESEL	DFS 93K215
* DETROIT DIESEL	DFS 93K218
* DEUTZ	DQC III LA
* JASO	DH-2
* MACK	EO-O PREMIUM PLUS
* MACK	EO-M PLUS
* MAN	M3275
* MAN	M3575
* MERCEDES BENZ	228.31
* MTU	CATEGORY 2.1
* RENAULT	RLD-3
* VOLVO	VDS-4
* VOLVO	VDS-4

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