

UNITED HYDRO 800 PLUS

Product Description

Synthetic Diesel Motor Oils 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

- * Effectively helps reduce fuel consumption
- * Meets the performance needs of most diesel engine OEMs
- * Meets emission system requirements
- * Provides exceptional protection for valve train systems in modern diesel engines

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 |

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-3 |

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5142G23CJSNREV0

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