



**United Oil**  
PERFORMANCE • VALUE • RELIABILITY

## UNITED HYDRO 600 PLUS

### Product Description:

United Hydro 600 Plus is a Super High Performance Diesel (SHPD) synthetic heavy-duty diesel engine oil delivering outstanding performance and durability by using the latest unique scientific technology. Developed to provide the ultimate protection for the latest low-emission heavy duty engines fitted with diesel particulate filter traps and other exhaust after-treatment devices, as well as providing the ultimate performance and protection for older engines from Europe, USA and Japan

### Applications / Benefits:

- ▣ Minimizes oil consumption, very-long drain interval
- ▣ Superior valve train wears performance
- ▣ Neutralizes acids from high sulfur fuel.
- ▣ Particular suitable for the latest diesel engine equipped with EGR .

### Typical Characteristics:

Test Description	Method	10W-30	10W40	15W40
SAE Viscosity Grade	SAE J 300			
Specific Gravity @ 15 °C	ASTM D 4052	0.862	0.865	0.875
Flash Point, °C	ASTM D 92	214	220	220
Pour Point, °C	ASTM D 97	-36	-36	-27
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	71.1	97.6	100.9
cSt @ 100°C	ASTM D 445	11.6	15.2	14.3
Viscosity Index	ASTM D 2270	158	164	145
TBN, mgKOH/g	ASTM D 2896	10.2	10.2	10.2
Color	ASTM D 1500	≤ 3.5	≤ 3.5	≤ 3.5
CCS, cP	ASTM D 5293	5678	5980	6820

### Specifications, Approvals & Recommendations:

- API CI-4 / SL
- ACEA E7-12
- Caterpillar ECF-2
- Commins ECS 20076
- Commins ECS 20077
- Commins ECS 20078
- Daimler MB 228.3
- Detroit Diesel 93K215
- Deutz DQC III-10
- Global DHD-1
- Mack EO-N, EO-M Plus
- MAN M3275
- MTU Type 2
- Renault Trucks RLD-2
- Volvo VDS-3

Product Data Sheet