



UNITED HYDRO 200

Product Description:

United Hydro 200 Diesel Engine Oil, blended from hydro-treated base stocks and a high technology core additive package, is designed to meet the lubrication requirements of most diesel engines. It provides outstanding protection for engines at high temperature.

United Hydro 200 Diesel Engine Oil is a performance product which is optimized to provide maximum control of carbon deposit, minimum oil consumption and best neutralizing ability for not only new engine design, but also some diesel engine type designed in as early 80's. Its high alkaline reserve neutralizes harmful combustion by-products when engine burning relatively low quality diesel with higher sulfur content. United Hydro 200 Diesel Engine Oil also perform equally well in many types of gasoline engine, giving mix fleet operators a high performance product for widest using coverage.

Applications / Benefits:

- ▣ Better thermal stability and low pour point.
- ▣ Protects against ring and cylinder wear.
- ▣ Keeps piston clean.
- ▣ Neutralizes acids from high sulfur fuel.
- ▣ High performance both in diesel and gasoline engine.

Typical Characteristics:

Test Description	Method	30	40	50	10W-30	15W-40	20W-50
SAE Viscosity Grade	SAE J 300	30	40	50	10W-30	15W-40	20W-50
Specific Gravity @ 15 °C	ASTM D 4052	0.881	0.885	0.892	0.869	0.877	0.879
Flash Point, °C	ASTM D 92	230	236	248	210	222	242
Pour Point, °C	ASTM D 97	-15	-15	-12	-30	-24	-18
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	105.2	138.6	220.9	72.9	115.1	175.1
cSt @ 100°C	ASTM D 445	11.8	14.8	19.5	11.2	15.0	18.8
Viscosity Index	ASTM D 2270	100	108	100	145	135	121
TBN, mgKOH/g	ASTM D 2896	10.5	10.5	10.5	10.5	10.5	10.5
Color	ASTM D 1500	2.0	<3.0	<3.5	<2.0	2.0	2.0

Suggested for the following uses:

- API CF4/SG