



United Oil
PERFORMANCE • VALUE • RELIABILITY

UNITED ECO-MAX PLUS

Product Description:

United Eco-Max Plus is an Advanced Heavy-Duty CK-4 Diesel Engine Oil that is specially designed to meet new Proposed Category 11 (PC-11) specifications for heavy-duty-vehicle. A new category is split into two separate and distinct subcategories: one that preserves historical heavy-duty oil criteria and one that provides additional fuel efficiency and economy benefits for modern diesel engine technology while maintaining durability. United Eco-Max Plus improves engine performance criteria that are being addressed including oxidation stability, shear stability and aeration.

United Eco-Max Plus is specially formulated with synthetic blend technology to ensure optimal performance under severe operating conditions, reducing fleet management downtime and maintenance.

Applications / Benefits:

- ▣ Better protect engines, minimizes oil consumption.
- ▣ Synthetic base, inherent thermal-stability and anti-oxidation property.
- ▣ Particular suitable for the modern diesel engine.
- ▣ Provide better fuel economy, and reduce GHG emissions.

Typical Characteristics:

Test Description	Method	
SAE Viscosity Grade	SAE J 300	10W-40
Specific Gravity @ 15 °C	ASTM D 4052	0.872
Flash Point, °C	ASTM D 92	220
Pour Point, °C	ASTM D 97	-33
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	97.2
cSt @ 100°C	ASTM D 445	14.6
Viscosity Index	ASTM D 2270	156
TBN, mgKOH/g	ASTM D 2896	9.8
Color	ASTM D 1500	≤ 4.0
HTHS, cP	ASTM D 5481	3.6

Specifications, Approvals & Recommendations:

- API CK-4

Product Data Sheet