

PRODUCT INFORMATION

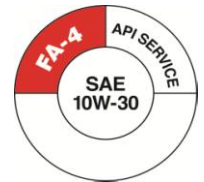
ECOSE™ HORIZON FE

FUEL EFFICIENT LOW VISCOSITY DIESEL ENGINE OIL

ECOSE™ HORIZON FE 10W-30 Diesel Engine Oil is a new generation diesel engine oil specifically engineered to extend engine life, provide longer oil drain capability and meets or exceeds the new **API FA-4** specification for fuel-efficient engine oils. This new, low viscosity heavy duty diesel engine oil is formulated to comply with the latest goals set forth by the Environmental Protection Agency (EPA) and the National Highway Traffic Safety Administration (NHTSA) designed to improve fuel efficiency and reduce green house gas emission. **ECOSE™ HORIZON FE 10W-30** is formulated to meet OEM performance requirements outlined by *Cummins CES 20087* and *Detroit Fluid Specification 93K223* without sacrificing engine protection.

Benefits and Features:

- Improved oxidation, shear stability and aeration performance
- Cold weather starts with low temperature fluidity and pumpability
- Improved fuel economy in engines designed to operate with lower viscosity
- Maintain its viscosity under high-temperature/high-shear, or **HTHS**, conditions



Typical Properties

Product Code - 531320	Test Method	SAE 10W-30
API Service		FA-4
Kinematic Viscosity, cSt @40°C	ASTM D 445	66.5
Kinematic Viscosity, cSt @100°C	ASTM D 445	10.5
Viscosity Index	ASTM D 2270	146
CCS @ -20°C, cP	ASTM D 5293	5,400
Pour Point, °F	ASTM D 5949	-38
Color	ASTM D 1500	L4.0
Sulfated Ash, wt%	ASTM D 92	1.0
Total Base Number, mg KOH/g	ASTM D 2896	10.0
HTHS @ 150°C, cP	ASTM D 4683	3.1

NOTE: *ECOSE™ HORIZON FE 10W-30 engine oil should only be used where an API FA-4 oil is recommended by the OEM. Before using this product in an engine, users should consult recommendations as outlined in the owner’s manual or other service bulletins.*

AVAILABILITY:

ECOSE™ HORIZON FE Diesel Engine Oil is available throughout Nu-Tier Brands’ marketing area. Your Nu-Tier representative can provide specific information. Need additional Information? Call Nu-Tier Brands @ 1-877-771-LUBE (5823) or visit Nu-tierbrands.com.