

CITGO CITGARD® 500 HSN ENGINE OIL
SAE 20W-50

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DESCRIPTION: CITGO CITGARD 500 HSN Engine Oil SAE 20W-50 is specially formulated and engineered for diesel engines operating in severe conditions requiring extra protection to maintain engine cleanliness and wear protection. CITGO CITGARD 500 HSN Engine Oil SAE 20W-50 is also an excellent choice for higher mileage or older diesel engines. It provides improved engine cylinder liner oil film retention that improves piston ring and liner sealing resulting in reduced oil consumption and improved engine efficiency.

QUALITIES: CITGO CITGARD 500 HSN Engine Oil SAE 20W-50 is formulated with a balanced base oil and additive combination to deliver balanced protection.

- The higher TBN (Total Base Number) formulation provides added corrosive wear protection to neutralize the harmful effects of fuel sulfur acid.
- The SAE 20W-50 multi-grade maintains a stable viscosity and protective oil film when operating at higher loads and temperatures.
- The performance benefits include overall engine cleanliness, reduced oil consumption and higher sulfur fuel neutralization.

APPLICATIONS: CITGO CITGARD 500 HSN Engine Oil SAE 20W-50 is recommended for diesel engines operating in a variety of severe conditions and an excellent choice for transit bus applications and other fleet operations that can benefit from a high performance diesel engine oil.

TYPICAL PROPERTIES:**CITGO CITGARD® 500 HSN ENGINE OIL SAE 20W-50**

SAE Grade	20W-50
Material Code	622216001
Gravity, ASTM D 4052, °API	28.7
Density, lbs/gal at 60°F	7.36
Flash Point, ASTM D 92 (COC), °F (°C)	471 (244)
Viscosity ASTM D 445, cSt at 40°C	164
cSt at 100°C	18.6
Viscosity Index, ASTM D 2270	128
Pour Point, ASTM D 97, °F (°C)	-44 (-42)
Sulfated Ash, ASTM D 874, m%	1.3
Total Base Number, ASTM D 2896, mg KOH/g	11

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