

CITGO CITGARD® 500 HSN ENGINE OILS
MONOGRADES



Date 09/15

DESCRIPTION: CITGO CITGARD 500 HSN Engine Oils SAE 40 and SAE 50 are 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 Oils SAE 40 and SAE 50 are also excellent choices for higher mileage or older diesel engines operating in warmer climates. The additive technology 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 Oils SAE 40 and SAE 50 are 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 performance benefits include overall engine cleanliness, reduced oil consumption and higher sulfur fuel neutralization.

APPLICATIONS: CITGO CITGARD 500 HSN Engine Oils SAE 40 and SAE 50 are 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:

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SAE Grade	40	50
Material Code	622211001	622212001
Gravity, ASTM D 4052, °API	27.2	27.1
Density, lbs/gal at 60°F	7.42	7.43
Flash Point, ASTM D 92 (COC), °F (°C)	486 (252)	482 (250)
Viscosity ASTM D 445, cSt at 40°C	136	207
cSt at 100°C	14.1	19.0
Viscosity Index, ASTM D 2270	101	103
Pour Point, ASTM D 97, °F (°C)	-22 (-30)	-27 (-33)
Sulfated Ash, ASTM D 874, m%	1.3	1.3
Total Base Number, ASTM D 2896, mg KOH/g	11	11

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