

# **Product Data Sheet**

## **Gulf Super Duty Plus CNG Engine Oil**

#### Designed for use in mobile natural gas and diesel engines

Engineered to meet the performance requirements of Cummins CES 20092 as well as the stringent requirements outlined in API CK-4/SN. Provides outstanding oxidation and nitration resistance to offer extended drain interval potential. Designed to be the perfect solution for mixed fleets that have natural gas, diesel, and gasoline engines in their fleets.

#### **Features and Benefits**

- Superior wear protection
- Excellent engine start-up lubrication
- Outstanding crankcase sludge and piston deposit control
- Unmatched oxidation control in heavy duty, natural gas-fueled service

### **Applications**

- API CK-4, CJ-4, CI-4 Plus / SN, SM, SL
- Cummins CES 20092 and is backwards compatible with CES 20086 / CES 20085
- CNG vehicles often found in refuse trucks, airport and intercity shuttle buses
- Detroit Diesel DFS 93K222, DFS 93K218 / Caterpillar ECF-3, ECF-2 / Volvo VDS 4.5

#### **Typical Properties**

SAE Grade	Test Method	15W-40	10W-30
Product Code		335485	335487
Specific Gravity @ 60°F		0.869	0.867
Density, Ibs/gal (g/L)	Calculated	7.24	7.22
Viscosity, cSt @ 40°C	ASTM D-445	117.4	79.8
Viscosity, cSt @ 100°C	ASTM D-445	15.8	12.0
Viscosity Index	ASTM D-2270	144	145
CCS @ -20°C, cP	ASTM D-5293	5000 @ -20°C	5800 @ -25°C
HTHS @ 150°C, cP	ASTM D-4683	4.44	3.95
Pour Point, °C (°F)	ASTM D-5949	-30 (-22)	-37 (-35)
Flash Point, °F	ASTM D-92	434°F	424°F
TBN	ASTM D-2896	10	10
Sulfated Ash, Mass %	ASTM D-874	0.9	0.9
Phosphorus, wt%		0.080	0.080
Zinc, wt%		0.086	0.086

Note: Typical values shown are representative of current production and may vary within modest range

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