

# Glass Synthetic 5w40 CK-4

## Product Data Sheet



**Glass Synthetic 5W-40 CK-4** is the latest generation premium heavy-duty motor oil that meets or exceeds the service requirements of virtually all diesel engine manufacturers for both 2007 emission compliant and older engines. It is suitable for virtually all on highway service applications and off highway applications.

- Meets or exceeds requirements of today's high performance, low emission diesel engines while providing excellent performance in older engines allowing operators use of one oil for many engines.
- Provides significantly improved wear protection, deposit and viscosity control and oxidation resistance.
- Provides excellent protection and durability demonstrated in control of valve train wear and piston ring and liner wear, helping to prolong engine life.
- Improved soot control and exclusive detergent system for outstanding engine cleanliness.
- Exceptional low temperature flow properties helps speed cold starts.
- Reduced fuel consumption
- Demonstrated performance reserve throughout the oil drain interval for protection and lubrication throughout the oil drain interval.
- Outstanding shear stability for viscosity control.

Suitable for use where the following specifications are recommended:

- **API-CK-4, CJ4, CI4 PLUS, CI4, CH4, CG4, SM, SL, SJ, SH**
- **ACEA-E7**
- **Caterpillar-ECF-1, ECF-2, ECF-3**
- **Cummins-CES 20081**
- **Navistar**
- **Detroit Diesel-93K218**
- **Mack-EO-O Premium Plus 07**
- **MAN-M3275**
- **Mercedes-Benz-228.3**
- **Volvo-VDS 4**
- **Renault-VI RLD-3**

<b>TYPICAL PHYSICAL TESTING</b>	
	5W-40
Viscosity	
@ 40°C, cSt	91
@ 100°C, cSt	14.6
Viscosity Index	168
Pour Point, 'C ('F)	-40
Flash Point, COC, 'C ('F)	230 (450)
TBN	9.8
Sulfated Ash, % wt	1.0 max