



HEAVY DUTY DIESEL ENGINE OIL

USGLOBAL Heavy Duty SAE CI-4 / SL 15W-40 Diesel Engine Oil is manufactured using carefully selected premium high viscosity index base oils combined with a high performance additive package with optimal blending of dispersant, detergent, oxidation and corrosion inhibitor, extreme pressure anti-wear, viscosity improver, and defoaming additives to reduce wear and tear on valve trains and rings while preventing sludge and carbon deposits. USGLOBAL SAE 15W-40 CI-4/ SL motor oil meets or exceeds the performance requirements for Mack EO-M Plus, Cummins CES 20078, Volvo VDS / VDS-2, Caterpillar ECF-1, and power shift transmissions specifying Allison C-3 / C-4, and CAT TO-2 and is recommended for use in naturally aspirated, turbocharged, or supercharged diesel, gasoline, and propane engines.

USGLOBAL Heavy Duty CJ-4 / SN SAE 10W-30 and 15W-40 Diesel Engine Oil are premium quality “universal” crankcase oils recommended for diesel, propane and gasoline engines used in automotive, heavy duty trucking, construction, mining and farm equipment and operating under severe service and climatic conditions. They are designed for use in both turbocharged, naturally aspirated or supercharged diesel and gasoline engines. USGLOBAL Heavy Duty CJ-4 / SN Diesel Engine Oils SAE 10W-30 and 15W-40 are specifically engineered to meet the latest requirements for EGR / EPF engines and meet or exceed API Service CJ-4 / SN as well as previous API categories CI-4 Plus, and CI-4. They also meet the requirement specifications for Mack EO-O Premium Plus, Cummins CES 20081, Detroit Diesel PGOS 93K218, Volvo VDS-4, Caterpillar ECF-1A, 2 and 3, Renault VI RLD-3, FORD WSS-W2C171-E, MB 228.3, ACEA E7, and MTU Type II standards for performance and protection.

Applications

- SAE 10W-30 and 15W-40 CJ-4 meet or exceed API service classifications CJ-4 / SN
- SAE 15W-40 CI-4 meets or exceeds API service classifications CI-4 / SM
- Meets the needs of all 4-stroke engines in a fleet that call for an SAE 15W-40 viscosity motor oil
- Satisfies requirements for naturally aspirated, supercharged and turbocharged engines
- Meets the needs of older engines in on-highway service

Typical Characteristics - Heavy Duty Diesel Engine Oils - V151029

SAE GRADE		10W-30	15W-40	15W-40
API SERVICE		CJ-4 / SN	CI-4 / SL	CJ-4 / SN
Specific Gravity	ASTM D287	0.8674	0.8711	0.8711
Flash Point, COC °C/°F	ASTM D92	221 / 429.8	231 / 447.8	231 / 447.8
Pour Point, °C/°F	ASTM D97	-39 / -38.2	-34 / -29.2	-34 / -29.2
Viscosity @ 40°C, cSt	ASTM D445	80.01	118.3	118.3
Viscosity @ 100°C, cSt	ASTM D445	11.94	15.63	15.63
Viscosity Index	ASTM D2270	144	139	139
CCS, cP	ASTM D5293	5326 @ -25°C	4588 @ -20°C	4588 @ -20°C
Total Base No. (TBN)	ASTM D2896	8.86	9.34	9.34



MADE IN  THE U.S.A.

Test Method ASTM - Typical test data are average values only. Minor variations, which do not affect performance, may occur.

HANDLING AND SAFETY INFORMATION - Refer to USGLOBAL (SDS) Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.