



## We compared EVEREST 15W40 CJ-4 Motor Oil to 5 major brands and here are the results

**EVEREST Heavy Duty 15W-40 CJ-4 / SM Diesel Engine Oil** is a premium quality “universal” crankcase oil recommended for diesel and gasoline engines used in automotive, heavy duty trucking, construction, mining and farm equipment and operating under severe service and climatic conditions. It is designed for use in both turbocharged and naturally aspirated diesel and gasoline engines .

**EVEREST Heavy Duty Diesel Engine Oil 15W-40 CJ-4** is specifically engineered to meet the latest requirements for EGR / EPF engines and meets or exceeds API Service CJ-4 / SM as well as previous API categories CI-4 Plus, and CI-4. It also meets 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, MB 228.3, ACEA E7, and MTU Type II standards for performance and protection. It is recommended for use in naturally aspirated, turbocharged, or supercharged diesel, gasoline, and propane engines.



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Standardization and  
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Since 2007, US Global Petroleum (USGP) has been producing lubricants that have continually met or exceed accepted industry standards. The USGP line of products reflects awareness of the changing conditions and needs of the automotive market. USGP lubricants are made from high quality base stocks and additives that are blended under the controlled formulation of USGP chemists and engineers, and are offered at competitive prices. USGP serves a wide variety of customers, and we are an EPA established facility with API certified products.



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## Applications

- SAE 15W-40 CJ-4 meets or exceeds API service classifications CJ-4 / SM
- SAE 15W-40 CI-4 meets or exceeds API service classifications CI-4 / SL
- 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 - V140212

SAE GRADE		15W-40	15W-40
API SERVICE		CI-4 / SL	CJ-4 / SM
API Gravity	ASTM D287	30.7	30.9
Flash Point, COC °C/°F	ASTM D92	228 / 442.4	236 / 456.8
Pour Point, °C/°F	ASTM D97	-33 / -27.4	-33 / -27.4
Viscosity @ 40°C, cSt	ASTM D445	116.2	118.5
Viscosity @ 100°C, cSt	ASTM D445	15.6	15.7
Viscosity Index	ASTM D2270	142	141
CCS, mPa-sec °C max	ASTM D5293	6200 @ -20	6200 @ -20
Total Base No. (TBN)	ASTM D2896	10.2	9.6



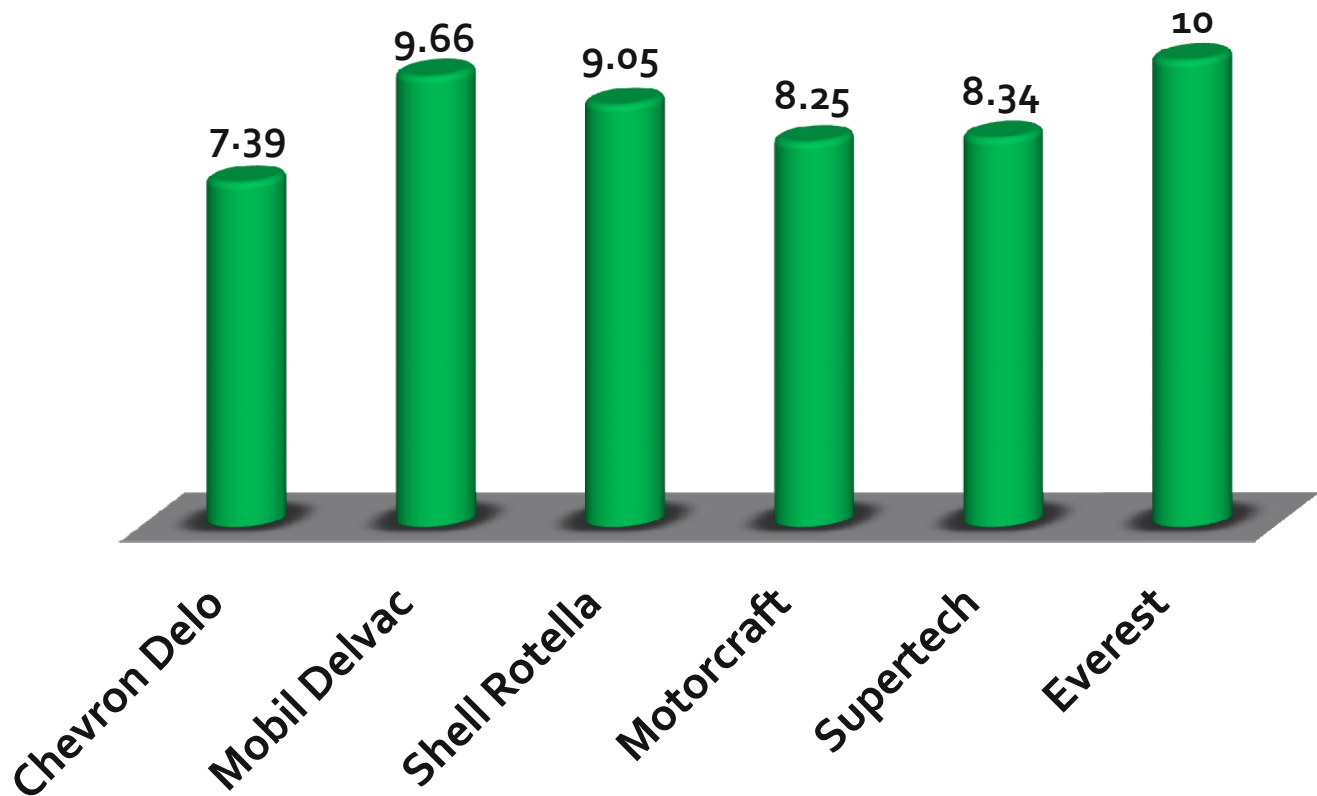
MADE IN  THE U.S.A.

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

# (TBN) Total Base Number

## 15W-40 CJ-4

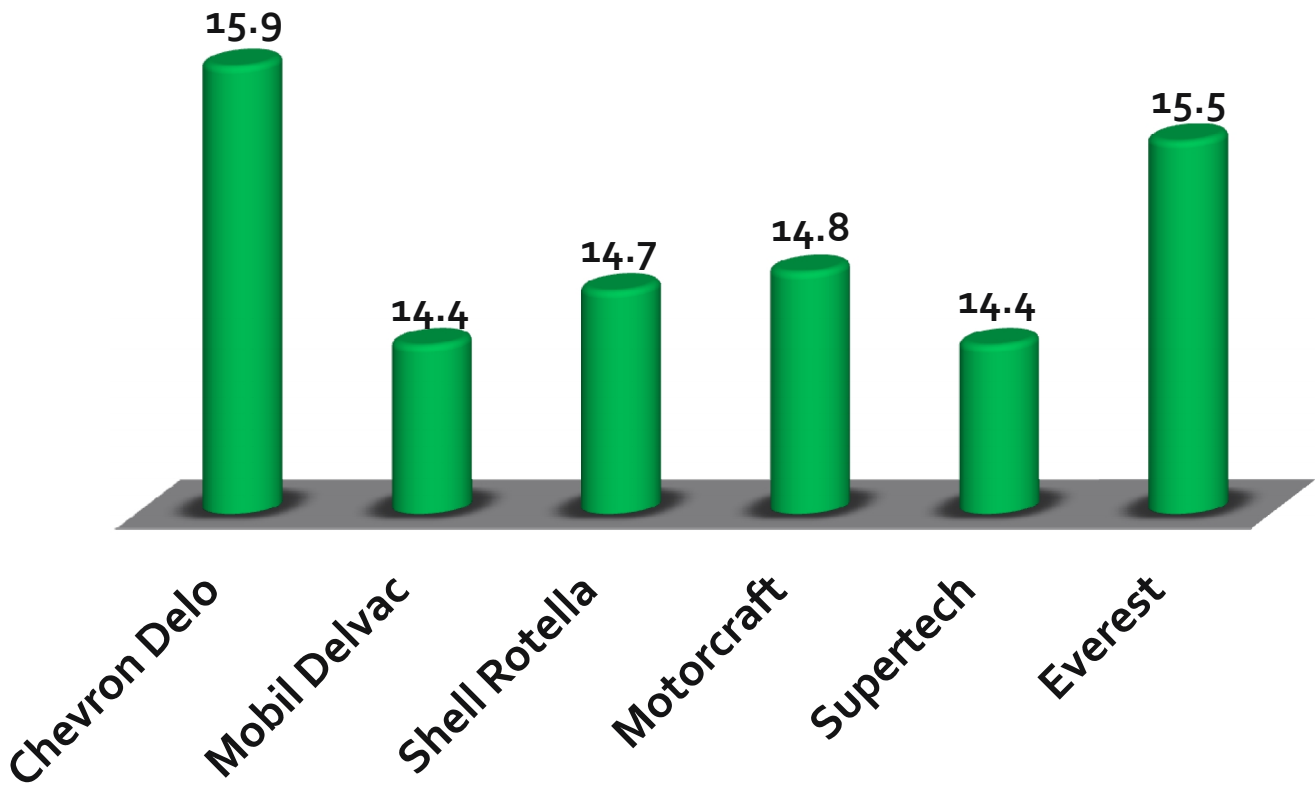
Measure of reserve additives available to neutralize harmful acids



**API Range is 7.39 to 9.75**

# Viscosity @ 100°C

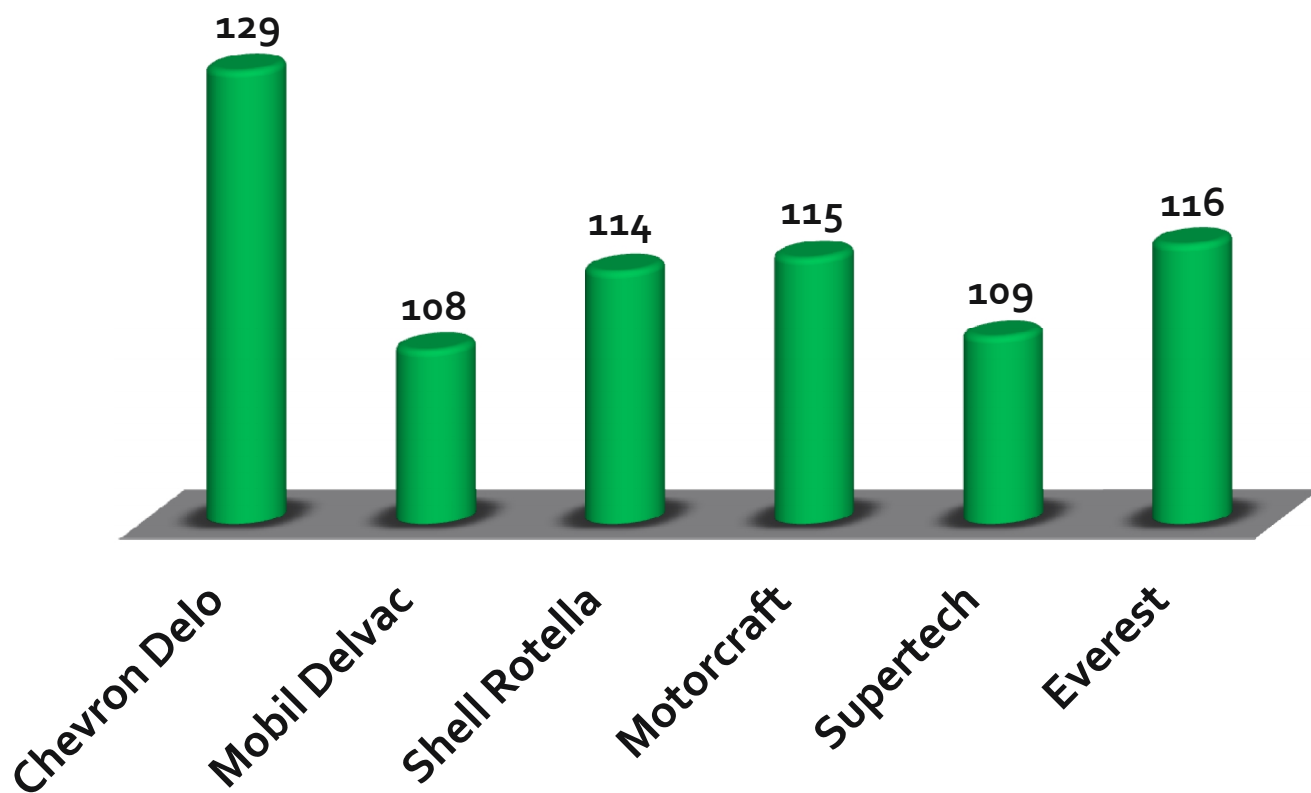
## 15W-40 CJ-4



**API Range is 12.5 to 16.3**

# Viscosity @ 40°C

## 15W-40 CJ-4

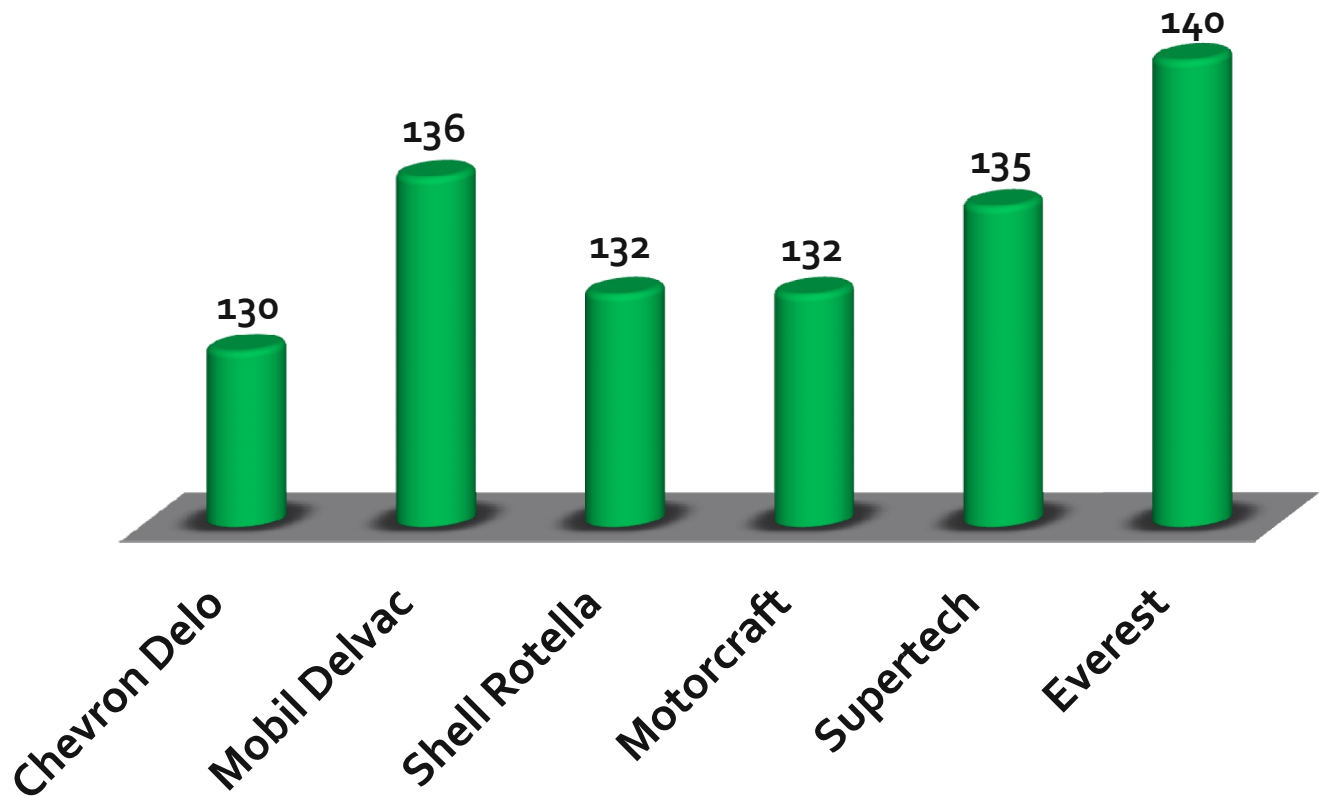


**API Range is 105 to 129**

# Viscosity INDEX

## 15W-40 CJ-4

Measure of oil's ability to maintain viscosity over a large temperature range. A higher number will result in a lower variability of viscosity at all operating temperatures



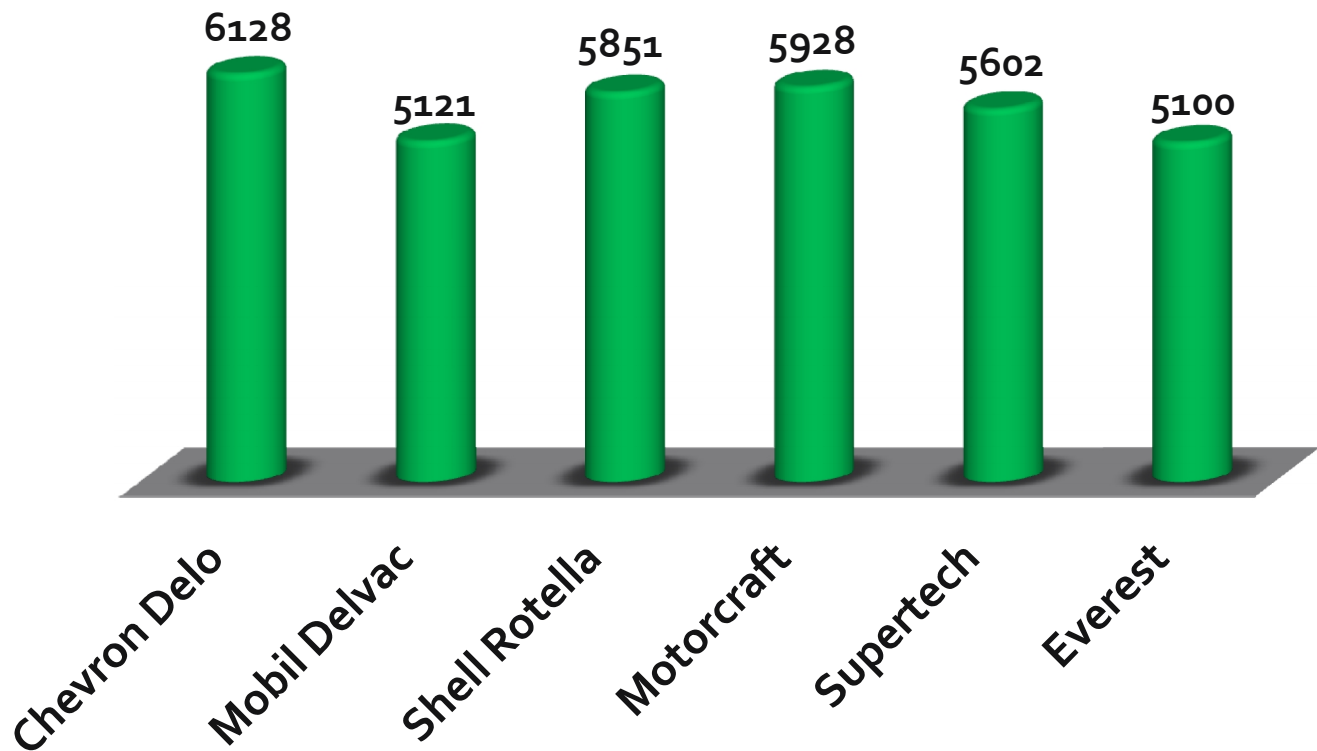
**API Range is 130 to 146**

# Cold Crank Simulator Test

## 15W-40 CJ-4

### Apparent viscosity @ -20° C

A lower number will provide a better cold cranking performance



**API Maximum is 7000**