



## We compared EVEREST Full Synthetic Motor Oil to 3 major brands and here are the results

**EVEREST Full Synthetic Motor Oil** is a premium quality multi-grade motor oil designed for maximum engine protection even under the toughest driving conditions. It outperforms conventional motor oil, reduces friction and wear at start-up and protects your engine against performance robbing sludge and varnish deposits. It is recommended for high-powered passenger cars, light trucks, sport utility vehicles and other mobile and stationary engines.

**EVEREST Full Synthetic Motor Oils** are fully licensed to meet or exceed car manufacturers' ILSAC GF-5 and American Petroleum Institute (API) SN service classifications and are backwards compatible with all earlier API classifications.

**EVEREST Full Synthetic Motor Oils** have been field tested to be comparable to American, European and Japanese manufacturers' requirements for: ACEA A1/B1 & A5/B5, Ford WSS-M2C930A and WSS-M2C945A (5W-20), and WSS-M2C929A and WSS-M2C946A (5W-30); Chrysler MS 6395, dexos, and GM 6094M as well as many other Ford, Honda, Mazda, Mitsubishi, GM and Chrysler vehicle requirements where a premium API SN synthetic motor oil is recommended.



ILSAC Approved  
International Lubricant  
Standardization and  
Approval Committee

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.





ILSAC Approved  
International Lubricant  
Standardization and  
Approval Committee

## Benefits and Applications

- API Service Classification SN, SM, SL, SJ
- ILSAC GF-5 Service Certification (SAE Grades 5W-20, 5W-30 and 10W-30)
- Lower pour point reduces start-up wear during cold weather
- Full synthetic oil helps to improve fuel economy
- Compatible with conventional oils
- Excellent wear, corrosion, and rust protection
- Superior resistance to sludge and varnish deposit formation
- Designed with premium base stocks for added thermal breakdown resistance



## Typical Characteristics - Full Synthetic - V140212

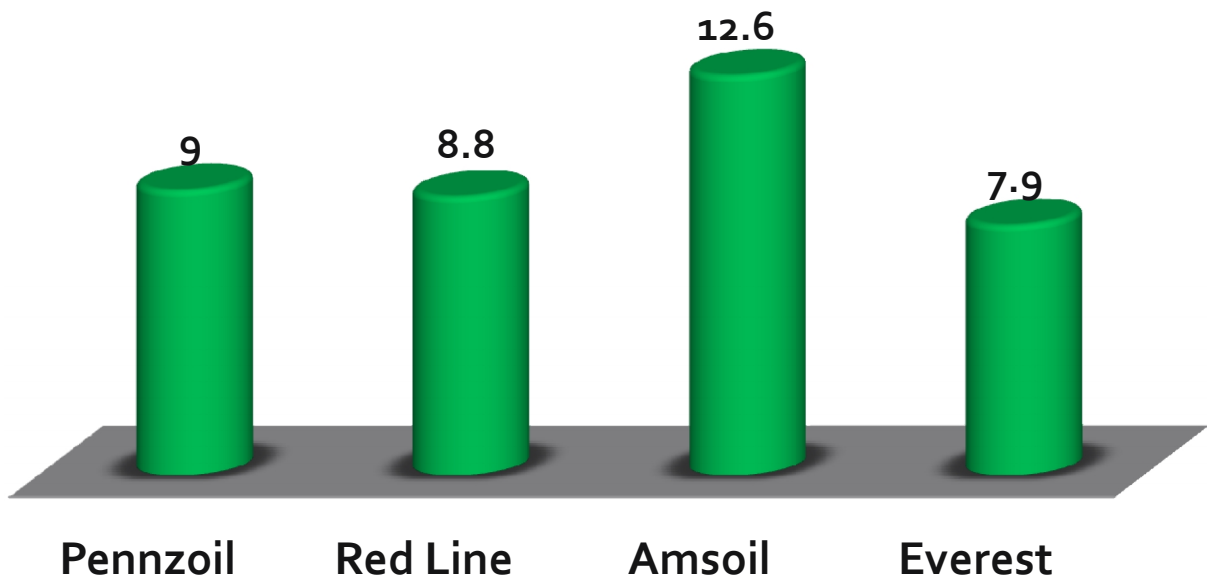
SAE GRADE		0W-20	0W-30	0W-40	5W-20	5W-30	5W-40	10W-30
API SERVICE		SN/GF-5	SN/GF-5	SN	SN/GF-5	SN/GF-5	SN	SN/GF-5
API Gravity	ASTM D287	35.8	35.6	35.0	35.0	34.9	35.0	33.8
Flash Point, COC °C/°F	ASTM D92	210/410	198/388	201/394	208/406	204/399	205/401	204/399
Pour Point, °C/°F	ASTM D97	-51/-59.8	-50/-58	-48/-54.4	-48/-54.4	-48/-54.4	-38/-36.4	-42/-43.6
Viscosity @ 40°C, cSt	ASTM D445	46.3	60.5	86.2	48.7	62.7	84.0	67.3
Viscosity @ 100°C, cSt	ASTM D445	8.7	10.9	15.1	8.6	10.8	15.0	10.5
Viscosity Index	ASTM D2270	169	175	185	157	164	145	144
CCS, mPa-sec, @ °C max	ASTM D5293	6200 @ -35	6200 @ -35	6200 @ -35	6200 @ -30	6200 @ -30	6200 @ -30	7000 @ -25
Phosphorus, wt% max	ASTM D4951	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Total Base No. TBN	ASTM D2896	7.9	7.9	7.9	7.9	7.9	7.9	7.9

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

# (TBN) Total Base Number

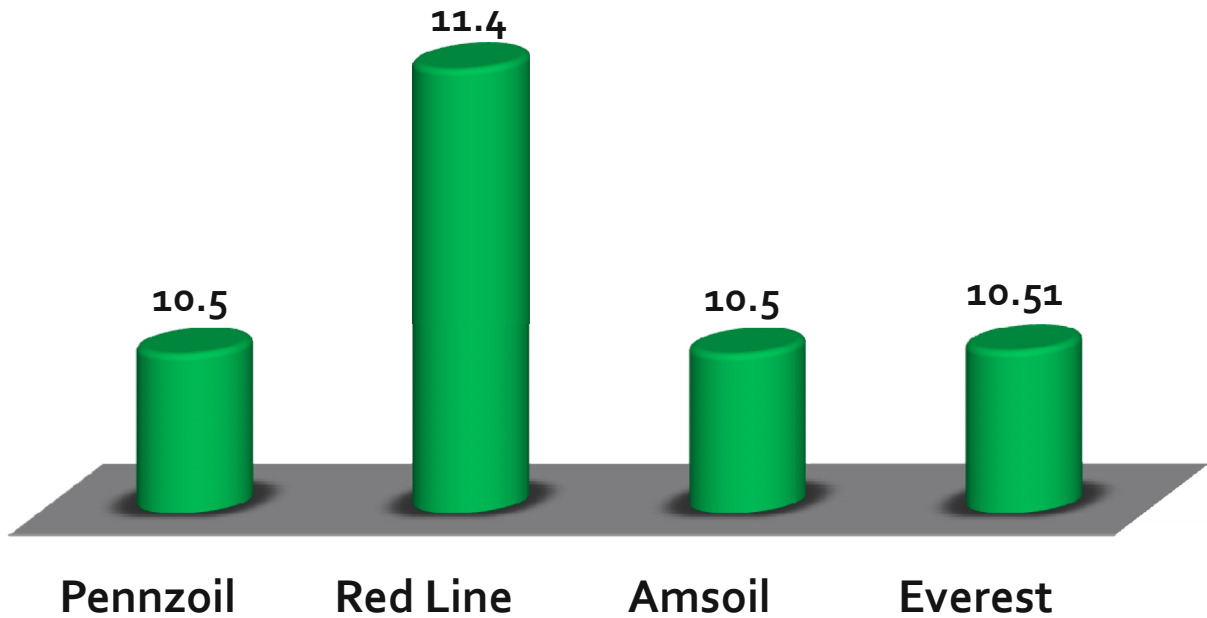
## 10W-30 Full Synthetic

Measure of reserve additives available to neutralize harmful acids



# Viscosity @ 100°C

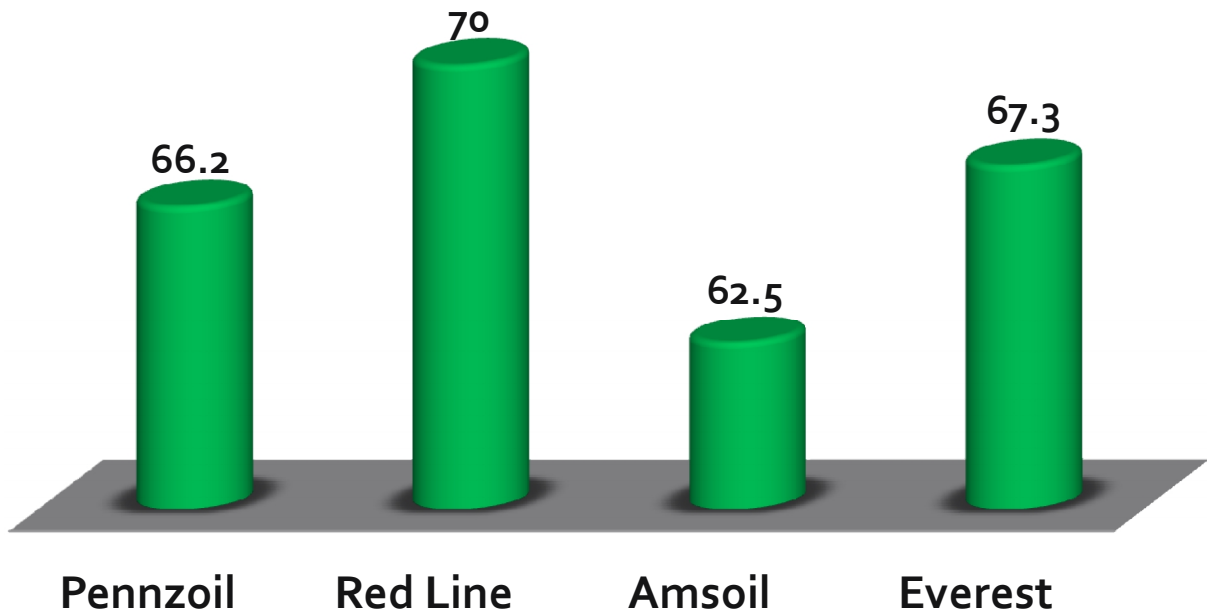
## 10W-30 Full Synthetic



**API Range is 9.3 to 12.5**

# Viscosity @ 40°C

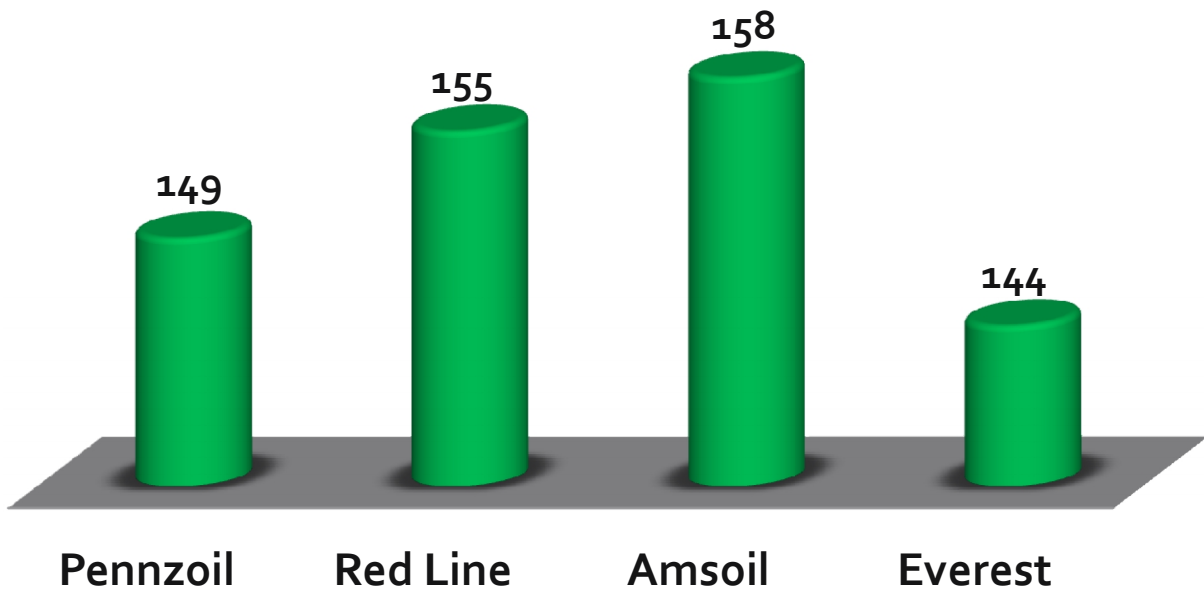
## 10W-30 Full Synthetic



# Viscosity INDEX

## 10W-30 Full Synthetic

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

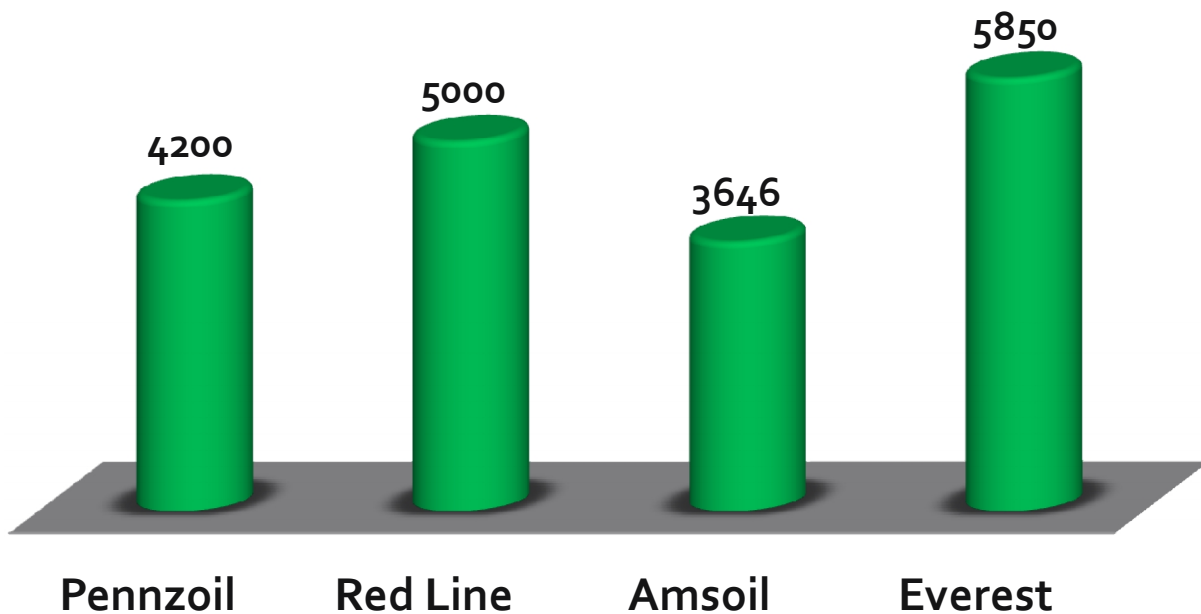


# Cold Crank Simulator Test

## 10W-30 Full Synthetic

**Apparent viscosity @ -35° C**

**A lower number will provide a better cold cranking performance**

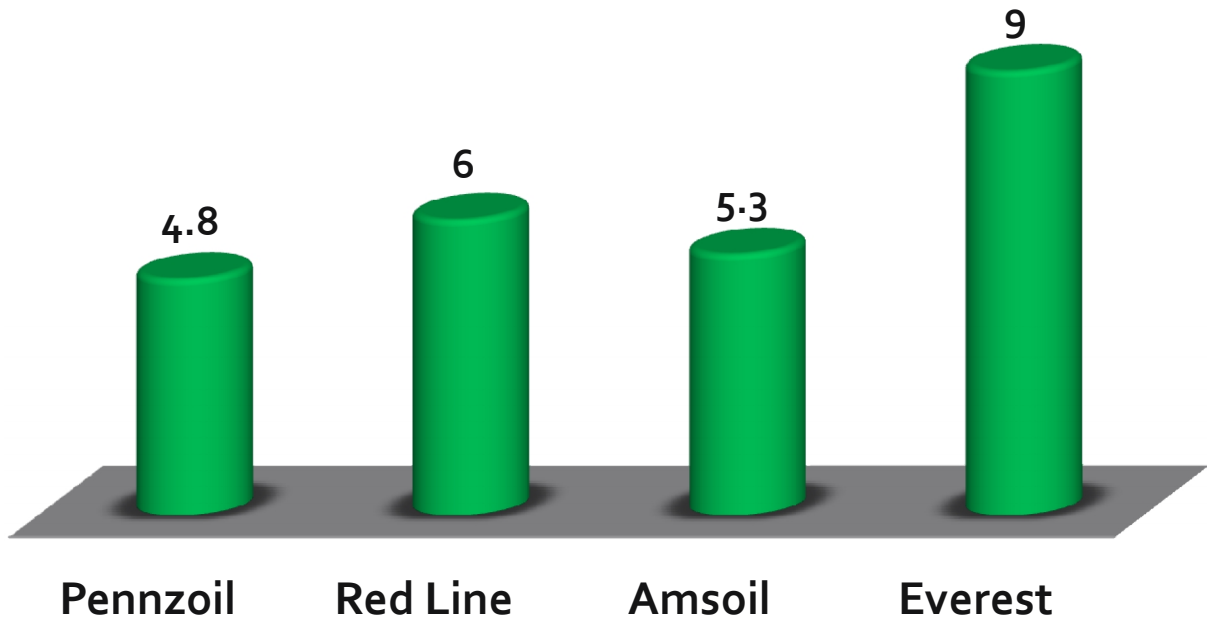


**API Maximum is 7000**

# Evaporative Loss

## 10W-30 Full Synthetic

**A lower number results in less evaporation of oil**



**API Maximum is 15**