



PRODUCT DATA SHEET

DAVID WEBER OIL CO.

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Gibraltar Syn-Pro HP Motor Oils

Full Synthetic High Performance Engine Oils

Gibraltar Syn-Pro HP full synthetic motor oils are high-performance engine oils for use in modern gasoline and flex-fueled engines requiring API SP/GF-6 lubricants. SAE 0W-20, 0W-30, 5W-20, 5W-30, and 10W-30 are ILSAC GF-6A Energy Conserving fluids and fulfill new car warranty requirements. These oils are designed to outperform conventional motor oils with improved oxidation, heat, and sludge resistance and enhanced cold temperature performance. **Gibraltar Syn-Pro HP** SAE 0W-16 is an API SP/GF-6B low viscosity fluid certified against the latest ILSAC fuel economy category GF-6B. This lubricant is not back compatible to GF-5 and should only be used where an API SP/ILSAC GF-6B oil is specified.

Gibraltar Syn-Pro HP full synthetic motor oils are recommended for all foreign and domestic gasoline vehicles, including TDI, turbo-boosted, and high-performance applications, where SP/GF-6A oils are specified.

Gibraltar Syn-Pro HP motor oils provide the following benefits:

- Improved extreme temperature protection vs conventional oils
- Mid Sulfated Ash, Phosphorus & Sulfur (SAPS) formulation
- Excellent anti-wear protection for newer and older engines
- Low oil volatility
- Friction modified for enhanced fuel economy
- LSPI (low speed pre-ignition) protection for GDI and turbo boosted engines



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SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

API SP Resource Conserving

(SAE 0W-16, 0W-20, 0W-30, 5W-20, 5W-30, 10W-30)

Ford WSS-M2C963-A1, WSS-M2C953-B1
(SAE 0W-30)

ILSAC GF-6A

(SAE 0W-20, 0W-30, 5W-20, 5W-30, 10W-30)

Ford WSS-M2C962-A1, WSS-M2C947-B1,
Honda, Toyota, Mazda
(SAE 0W-20)

ILSAC GF-6B

(SAE 0W-16)

Ford WSS-M2C960-A1, WSS-M2C945-A
(SAE 5W-20)

Chrysler MS-6395

(SAE 0W-20, 5W-20, 5W-30, 10W-30)

Ford WSS-M2C961-A1, WSS-M2C946-A
(SAE 5W-30)

GM 6094M

(SAE 0W-20, 0W-30, 5W-20, 5W-30, 10W-30)

TYPICAL PROPERTIES

SAE GRADE	0W-16	0W-20	0W-30	5W-20	5W-30	10W-30
Viscosity, cSt @ 100°C	7.4	8.3	11.6	7.9	10.2	10.2
Viscosity, cSt @ 40°C	38.3	43.2	65.5	42.1	57.7	63.0
Viscosity Index	164	171	178	162	166	149
Viscosity, cP, -40°C	4,500	-	-	-	-	-
Viscosity, cP, -35°C	-	5,200	6,000	5,300	5,900	
Viscosity, cP, -30°C	-	-	-	-	-	6,000
Viscosity, cP, -25°C	-	-	-	-	-	-
Flash Point, COC, °C, min.	200	200	205	205	205	205
Pour Point, °C, max.	-47	-45	-45	-45	-45	-40