



Passenger Car Motor Oils

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Parts Plus Synthetic Motor Oils offer the ultimate in engine protection for both gasoline and diesel engines - even those that are turbo-charged or super-charged. Formulated with state-of-the-art additives and 100% synthetic base stocks, these 100% Synthetic Motor Oils have been carefully developed to meet the most current API Service Classification. These oils are formulated to meet or exceed all new car manufacturers' warranty requirements as well as stringent industry standards such as API SN/CF, ILSAC GF-5. Parts Plus Synthetic Motor Oils are formulated to exceed the standard for the Thermal Engine Oil Stability Test (TEOST MHT) and the Ford WSS M2C factory and service fill specifications. The special low-phosphorous level design ensures that these superior oils are environmentally friendly and will help to extend the life of the expensive catalytic converters. These full-synthetic oils offer the ultimate in engine protection for engines operating in the most extreme driving and operating conditions and in the worst ambient operating temperatures from the extreme arctic cold to the searing desert heat. Parts Plus Synthetic Motor Oil exceeds the stringent lubricating performance requirements of American, European, Korean, Japanese and other worldwide engine manufacturers.

Parts Plus Synthetic dexos1® Motor Oils are engineered and licensed to meet the stringent GM dexos1® engine oil specification as well as all of the specifications outlined above. They are available in 0W-20, 5W-20 and 5W-30 oil weights.

Parts Plus Premium Semi-Synthetic Motor Oils are formulated with new and more robust engine oil chemistry combined with an optimum level of high quality synthetic and first quality mineral base stocks to provide outstanding engine protection for severe driving situations, including high-stress competition engine applications. These Oils offer superior engine protection for both gasoline and diesel engines - even those that are turbo-charged or super-charged. These high performance motor oils are engineered and formulated to meet API SN/CF - ILSAC GF-5 and meets most European ACEA specifications. These oils are also formulated to exceed the standard for the Thermal Engine Oil Stability Test (TEOST MHT) and the Ford WSS M2C factory and service fill specifications. See the applications chart for specific viscosity and specification application. These high quality motor oils also help to provide better emission control, increased fuel economy and reduced engine wear and piston deposits. They are designed to lubricate and protect well outside of the range of conventional motor oils and are compatible with a variety of different fuels including competition fuels and offer week in and week out protection to withstand the brutal pounding of professional top fuel racing. These high performance motor oils exceed the stringent lubricating performance requirements of American, European, Korean, Japanese and other worldwide engine manufacturers.



Parts Plus Premium and High Performance Motor Oils are multi-viscosity oils that provide superior engine protection no matter what the operating temperature. These oils are designed to protect domestic and imported vehicles and equipment powered with either gasoline or diesel engines - even those that are turbo-charged or super-charged. This high quality oil has been specifically formulated to meet or exceed all new car manufacturers' warranty requirements as well as most European ACEA specifications. These oils are also formulated to exceed the standard for the Thermal Engine Oil Stability Test (TEOST MHT) specifications. See the applications chart for specific viscosity and specification application. These oils will protect with equal vigor both new, modern, close-tolerance engines and older, high-mileage engines running in a wide range of operating temperatures and conditions. These high performance motor oils exceed the stringent lubricating performance requirements of American, European, Korean, Japanese and other worldwide engine manufacturers.

Parts Plus Heavy Duty (HD) Motor Oils are single grade or straight-viscosity motor oils. They are a balanced blend of high VI base stocks and an advanced additive package to deliver superior performance. They provide thermal and oxidation stability, deposit control, anti-wear protection, corrosion protection and improved pumpability. These Motor Oils may be used in turbo-charged, super-charged or naturally aspirated foreign and domestic engines recommending an API SN/CF and meets some European ACEA specifications. These heavy duty motor oils exceed the stringent lubricating performance requirements of American, European, Korean, Japanese and other worldwide engine manufacturers.

Some performance levels are limited by viscosity grades. Please consult the Performance Application Chart, the Inspection Data Table for the appropriate product or contact your District Manager for more complete information and recommendations.



TYPICAL INSPECTION DATA – Passenger Car Motor Oils

	API Gravity	Flash Point, °C.	Viscosity cSt @ 100C	Viscosity cSt @ 40C	VI	Pour Point, °C.
Synthetic						
0W-20	36.0	210	8.4	45.0	160	-45
5W-20	35.0	210	8.7	51.5	160	-45
5W-30	35.0	210	11.0	65.0	160	-45
10W-30	34.0	205	10.60	59.0	160	-39
Semi-Synthetic						
5W-20	32.0	210	8.5	50.0	140	-42
5W-30	33.0	210	10.5	60.0	145	-42
Premium						
10W-30	31.0	210	10.50	70.0	140	-35
10W-40	30.0	205	13.50	95.0	145	-32
High Performance						
20W-50	28.0	220	18.00	165.0	125	-21
Heavy Duty						
HD 30	28.5	220	11.80	103.0	103	-21
HD 40	28.0	230	14.60	141.0	103	-15



PERFORMANCE APPLICATION CHART

SPECIFICATIONS	Synthetic	Semi - Synthetic	Premium Multigrade	Heavy Duty Single
API:				
SN, SM, SL, SJ	√	√	√	√
SG, SF	√	√	√	√
SB	√	√	√	√
CF/CF-2	√	√	√	√
ILSAC:				
GF-5, GF-4/GF-3/ GF-2	√	√	√	-
ACEA:				
A3/B4, A3/B3	*	*	*	*
A5/B5, A1/B1	*	*	*	*
C3, C2, C1	*	*	*	*
Ford:				
M2C 946 A	5W-30	5W-30	-	-
M2C 929 A (M2C 205A)	5W-30	5W-30	-	-
M2C 945A	5W-20	5W-20	-	-
M2C 930A (M2C 153H)	5W-20	5W-20	-	-
DaimlerChrysler:				
MS 6395K	√	√	-	-
Mercedes Benz				
MB 229.1	√	√	-	-
MB 229.3	√	5W-30	-	-
MB 229.31	5W-30	-	-	-
MB 229.5	√	√	-	-
MB 229.51	5W-30	-	-	-
General Motors:				
GM dexos1®	0W-20, 5W-20, 5W-30	-	-	-
GM 4718M	√	√	-	-
GM 6094M	√	√	√	-
Volkswagen:				
VW 50200	√	√	√	-
VW 50300	√	5W-30	5W-30	-
VW 50500	√	√	√	-
VW 50501	√	5W-30	5W-30	-
VW 50600	√	5W-30	5W-30	-
VW 50700	5W-30	-	-	-
BMW:				
LL-O/M54	√	√	√	-
LL-04	√	-	-	-
CID AA-52039	√	√	√	√
Mil-L-2104-B	√	√	√	√
Mil-L-46152	√	√	√	√

* Suitable for Use