



**Core and Advanced Powertrain Engineering  
Fuels and Lubricants Engineering  
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Dearborn, Michigan, 48121**

May 27, 2004

Detroit Advisory Panel – API  
c/o Mr. Steven Herzog  
RohMax USA, Inc.  
723 Electronic Drive  
Horsham, PA 19044-2228

Dear Mr. Herzog:

This letter provides Ford Motor Company's new engine oil and fuel recommendations for gasoline-fueled 2005 model year (MY) vehicles in the U.S. and Canada. Please forward this information to your members.

SAE 5W-20 engine oil with the API Certification Mark displayed continues to be the oil recommended for most 2005 MY Ford vehicles and some Mazda vehicles. The Ford Engineering Material Specification for SAE 5W-20 service fill oil is WSS-M2C930-A, which specifies primarily ILSAC GF-4 requirements. In addition, VG follower pin and ring wear limits and the 30 mg TEOST limit are specified. We continue to strongly promote the use of SAE 5W-20 for our customers. We also request the continued support of oil marketers to supply oil for our vehicles that follows the owner guide recommendation.

SAE 5W-30 with the API Certification Mark displayed is recommended for 2005 MY 4.0L V6 applications only. The Ford Engineering Material Specification for SAE 5W-30 service fill oils is WSS-M2C929-A, which specifies ILSAC GF-4 requirements and the additional specifications beyond ILSAC GF-4 that are the same as SAE 5W-20.

There are other oil recommendations for special Ford vehicle applications. If there are questions about these, Ford should be contacted for additional information.

The "Quick Reference Oil Applications and Crankcase Capacities Chart" provides the latest 5W-20 and 5W-30 oil recommendations for all 1995 – 2005 MY vehicles (See attached chart). Motorcraft distributes this chart primarily to the dealer network so Ford customers are using the correct oil recommendations. Oil refill quantities are also included.

Examples of the Ford Motor Company 2005 MY Owner Guide recommendations for fuel and engine oil follow this letter. A copy of the service fill oil specifications is also attached (WSS-M2C929-A and WSS-M2C930-A combined).

Your support to market engine oils and fuels meeting these requirements is appreciated for the benefit of our mutual customers.

Sincerely,

/original signed/

P. W. Misangyi

cc: Automotive Oil Change Association  
American Society of Testing and Materials  
Canadian Petroleum Products Institute  
Independent Lubricant Manufacturers Association  
Society of Automotive Engineers  
Society of Independent Gasoline Marketers of America

Attachments

# Ford 2005 MY SAE 5W-20 Engine Oil Recommendation

## For Most Engines

Look for this certification trademark.



## **Use SAE 5W-20 engine oil.**

Only use oils "Certified For Gasoline Engines" by the American Petroleum Institute (API). An oil with this trademark symbol conforms to the current engine and emission system protection standards and fuel economy requirements of the International Lubricant Standardization and Approval Committee (ILSAC), comprised of U.S. and Japanese automobile manufacturers.

To protect your engine's warranty use Motorcraft SAE 5W-20 or an equivalent SAE 5W-20 oil meeting Ford specification WSS-M2C930-A. **SAE 5W-20 oil provides optimum fuel economy and durability performance meeting all requirements for your vehicle's engine.**

Do not use supplemental engine oil additives, cleaners or other engine treatments. They are unnecessary and could lead to engine damage that is not covered by Ford warranty.

Change your engine oil and filter according to the appropriate schedule listed in the Scheduled Maintenance Guide.

# **Ford 2005 MY SAE 5W-30 Engine Oil Recommendation**

## **4.0L engines**

Look for this certification trademark.



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Only use oils "Certified For Gasoline Engines" by the American Petroleum Institute (API). An oil with this trademark symbol conforms to the current engine and emission system protection standards and fuel economy requirements of the International Lubricant Standardization and Approval Committee (ILSAC), comprised of U.S. and Japanese automobile manufacturers.

To protect your engine's warranty use Motorcraft SAE 5W-30 or an equivalent SAE 5W-30 oil meeting Ford specification WSS-M2C929-A.

Do not use supplemental engine oil additives, cleaners or other engine treatments. They are unnecessary and could lead to engine damage that is not covered by Ford warranty.

Change your engine oil and filter according to the appropriate schedule listed in the Scheduled Maintenance Guide.

## **Ford 2005 MY Regular Fuel Recommendation**

### **Choosing the right fuel**

Use only UNLEADED FUEL. The use of leaded fuel is prohibited by law and could damage your vehicle.

Your vehicle was not designed to use fuel or fuel additives with metallic compounds, including manganese-based additives. Studies indicate that these additives can cause your vehicle's emission control system to deteriorate more rapidly. In Canada, premium grade fuel generally contains more metallic additives than regular fuel. We recommend using regular fuel. In Canada, many fuels contain metallic additives, but fuels free of such additives may be available; check with your local fuel dealer.

Do not use fuel containing methanol. It can damage critical fuel system components.

Repairs to correct the effects of using a fuel for which your vehicle was not designed may not be covered by your warranty.

### **Octane recommendations**

Your vehicle is designed to use "Regular" unleaded gasoline with pump (R+M)/2 octane rating of 87. We do not recommend the use of gasolines labeled as "Regular" that are sold with octane ratings of 86 or lower in high altitude areas.



Do not be concerned if your engine sometimes knocks lightly. However, if it knocks heavily under most driving conditions while you are using fuel with the recommended octane rating, see your dealer or a qualified service technician to prevent any engine damage.

### **Fuel quality**

If you are experiencing starting, rough idle or hesitation driveability problems, try a different brand of unleaded gasoline. "Premium" unleaded gasoline is not recommended for vehicles designed to use "Regular" unleaded gasoline because it may cause these problems to become more pronounced. If the problems persist, see your dealer or a qualified service technician.

It should not be necessary to add any aftermarket products to your fuel tank if you continue to use high quality fuel of the recommended octane rating. Aftermarket products could cause damage to the fuel system. Repairs to correct the effects of using an aftermarket product in your fuel may not be covered by your warranty.

Many of the world's automakers approved the World-wide Fuel Charter that recommends gasoline specifications to provide improved performance and emission control system protection for your vehicle. Gasolines that meet the World-wide Fuel Charter should be used when available. Ask your fuel supplier about gasolines that meet the World-wide Fuel Charter.

### **Cleaner Air**

Ford endorses the use of reformulated "cleaner-burning" gasolines to improve air quality.

