



## ***Product One Voice***

### ***Q&A***

**Product: AMSOIL Synthetic 0W-20 Motor Oil (ASM)**

**Product Area: Motor Oil**

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**1. Question:**

What applications was AMSOIL Synthetic 0W-20 Motor Oil (ASM) developed for?

**Answer:**

ASM is recommended for Honda, Acura, DaimlerChrysler, Toyota, Ford and all other applications where SAE 0W-20 or 5W-20 is required with the following specifications:

- API SM/CF, SL, SJ ...
- ILSAC GF-4, 3 ...
- ACEA A1/B1
- Ford WSS-M2C930-A
- DaimlerChrysler MS-6395N

**2. Question:**

What is the drain interval for ASM?

**Answer:**

ASM extends drain intervals far beyond those for conventional and other synthetic oils. ASM has the same drain interval recommendation as AMSOIL 5W-30 (ASL) and 10W-30 (ATM), which is 25,000 miles or one year, whichever comes first under normal operation or 15,000 miles or one year, whichever comes first under severe service. Remember to use an AMSOIL Absolute Efficiency Oil Filter to complete the finest engine protection over the entire drain interval.

**3. Question:**

Why did AMSOIL develop a 0W-20 long drain oil instead of a 5W-20?

**Answer:**

There are three primary reasons:

- AMSOIL 0W-20 Synthetic Motor Oil naturally fell into the 0W category due to its superior synthetic construction.
- The wider viscosity range helps differentiate it from XL 5W-20 and allows for a longer drain interval than XL 5W-20.
- 0W-20 replaces 5W-20, and as a 0W-20 it is more universal and applies to a wider vehicle population. ASM can be recommended wherever 0W-20 or 5W-20 oil is called for or allowed by the original equipment manufacturer (OEM).

**4. Question:**

Can I use AMSOIL 0W-20 in place of 0W-30 or other 30 grade oils.

**Answer:**

No. While AMSOIL 0W-20 is unmatched by competitive oils on the market, AMSOIL does not recommend using 0W-20 where 30 grade oils are recommended by the vehicle manufacturer. 0W-20 is a lower viscosity oil that provides fuel economy benefits. Viscosity is a critical feature of lubrication. The OEMs have determined in which vehicles a lower viscosity oil is the optimal choice, and where either a 0W-20 or 5W-20 oil is recommended.

**5. Question:**

Will a 0W-20 provide sufficient engine protection?

**Answer:**

Yes, it will in applications where the vehicle manufacturer recommends 0W-20 or 5W-20 oil. AMSOIL 0W-20 has excellent anti-wear additives and it is shear stable. As with all AMSOIL motor oils, AMSOIL 0W-20 helps engines last longer, need fewer repairs and perform better than the other conventional and synthetic motor oils. It is designed to provide the best protection possible in a light viscosity oil.

**6. Question:**

Does AMSOIL 0W-20 promote better fuel economy?

**Answer:**

Yes, it does. AMSOIL 0W-20 is a light viscosity oil that minimizes viscous drag. Its uniform molecular structure helps it flow more freely and reduce friction between metal surfaces. Anti-friction additives are included to further improve energy efficiency that helps improve fuel economy.

**7. Question:**

How does AMSOIL 0W-20 protect in hot temperatures?

**Answer:**

Exceptionally well due to its synthetic construction and heavy treatment of additives. AMSOIL 0W-20 has very low volatility. It resists high temperatures and does not readily burn off like many conventional oils. AMSOIL 0W-20 protects in both high temperature and low temperature extremes.

**8. Question:**

Can ASM be used in diesel engines?

**Answer:**

Yes, provided the engine manufacturer calls for an API CF quality oil with a viscosity of SAE 20. These applications are very rare and may only apply in extreme cold temperatures.

**9. Question:**

Is there a specific market for which ASM was developed?

**Answer:**

ASM was developed to address the growing number of the OEM recommendations to use 5W-20 oils. Automakers such as Ford, DaimlerChrysler, Honda, Toyota and Acura are all producing vehicles that call for a 5W-20. Now AMSOIL customers have a long drain alternative, up to 25,000 miles, with ASM. Once again, AMSOIL is there to provide another industry segment with the outstanding protection that only AMSOIL synthetic lubricants can provide.

**10. Question:**

Considering the low viscosity, cold temperature performance characteristics offered by ASM, could ASM be used in ATV's and four-stroke snowmobile applications?

**Answer:**

AMSOIL does not recommend ASM for these applications. The lubricant was simply not designed with those types of applications in mind. ASM was not designed to be compatible with wet clutches found in ATVs, and no snowmobile manufacturer in the market recommends using 0W-20 viscosity

oils in their applications. It is best to use ASM where 0W-20 or 5W-20 oils are specified by the OEM.

**11. Question:**

It seems like several vehicle manufacturers are only recommending low viscosity oils to meet Corporate Average Fuel Economy (CAFÉ) standards and aren't as worried about engine protection as they once were. Is this true?

**Answer:**

Sometimes motorists are concerned about using a low viscosity oil. AMSOIL, however, engineered ASM specifically for maximum viscosity protection. ASM is shear stable. It will not break down, and it contains high quality additives to provide extra protection.

**12. Question:**

Can I sell ASM to quick lube accounts?

**Answer:**

Yes, this is a great product for quick lubes. AMSOIL ASM provides quick lubes with a long drain option for those customers looking for the outstanding protection that AMSOIL products provide. Coupled with the AMSOIL Ea Oil filters, a quick lube can offer their customers unmatched engine protection. And of course AMSOIL XL 5W-20 is available as a shorter drain interval option.

**13. Question:**

Does the introduction of another motor oil dilute the AMSOIL motor oil line-up?

**Answer:**

On the contrary, the introduction of another motor oil strengthens the AMSOIL motor oil line-up by providing an additional product to offer the marketplace. AMSOIL continues to lead the industry in the availability of synthetic lubricants for nearly any application. No other oil company boasts such a broad synthetic product line.

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