Product One Voice
Q&A

Product: AMSOIL Synthetic Stationary Natural Gas Engine Oil (ANGS)
Product Area: Motor Oils
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1. **Question:**
   Why did AMSOIL reformulate its Stationary Natural Gas Engine Oil (ANGS)?
   Answer:
   AMSOIL continually looks for ways to improve its products through advances in technology and rigorous field testing. This new formulation is the result of both. The new technology has proven to last longer, with better performance in stationary natural gas powered engines.

2. **Question:**
   What benefits does AMSOIL Stationary Natural Gas Engine Oil provide?
   Answer:
   AMSOIL Stationary Natural Gas Engine Oil is a low ash formulation designed to minimize carbon deposits, ring sticking and plug fouling; reduce maintenance and extend equipment life. Advanced anti-wear and anti-scuff protection helps control valve recession and wear on piston rings, cylinder liners and bearings. AMSOIL Stationary Natural Gas Engine Oil is engineered with premium base oils and additives to improve engine lubrication by keeping oil passages clean. The balanced formulation allows for a high total base number (TBN) to protect against corrosion, while meeting low ash requirements. The formula resists nitration and oxidation to deliver maximum protection in natural gas engines.

3. **Question:**
   Can AMSOIL Stationary Natural Gas Engine Oil be used over extended drain intervals?
   Answer:
   AMSOIL Synthetic Stationary Natural Gas Engine Oil is formulated for extended oil drain intervals when monitored by a qualified oil analysis program. If extending oil drain intervals, change the oil filter at the recommended engine manufacturer change interval.

4. **Question:**
   How can using AMSOIL Stationary Natural Gas Engine Oil affect the bottom line?
   Answer:
   In field trial testing, AMSOIL Stationary Natural Gas Engine Oil demonstrated reduced wear and valve recession that resulted in longer times between rebuilds. The reduced maintenance, combined with long oil life, can greatly reduce costs.

5. **Question:**
   There are two natural gas engine oil offerings: AMSOIL Stationary Natural Gas Engine Oil and AMSOIL Vehicular Natural Gas Engine Oil (ANGV). Are they different and how do you determine which product to recommend?

Answer:
AMSOIL natural gas engine oils are engineered to meet the needs of specific applications. Stationary natural gas engines generally use roller-tappet cams and do not need the increased levels of zinc and phosphorus to protect the valvetrain. AMSOIL SAE (20W) 40 Synthetic Stationary Natural Gas Engine Oil is recommended for stationary natural gas engines that do not require high levels of anti-wear additives. On the other hand, vehicular and mobile natural gas engines use flat-tappet cams which require additional anti-wear additives to protect the valvetrain. AMSOIL SAE 15W-40 Synthetic Vehicular Natural Gas Engine Oil (ANGV) is formulated with higher levels of zinc and phosphorus to protect the flat-tappet/camshaft lobe interface. This highly loaded area requires the use of properly formulated natural gas engine oil to reduce wear and extend flat-tappet and camshaft life.

ANGS – Stationary natural gas engines
ANGV – Vehicular and mobile natural gas engines

6. **Question:**
What package sizes are available for AMSOIL Stationary Natural Gas Engine Oil?
Answer:

Package Size	Product Code
5-gallon	ANGS05
55-gallon	ANGS55
275-gallon	ANGS27

7. **Question:**
What stationary engines can AMSOIL Synthetic Stationary Natural Gas Engine Oil be used in?
Answer:
AMSOIL Stationary Natural Gas Engine Oil is recommended for use in stationary four-stroke and select two-stroke natural-gas-fueled stationary engines that require low-ash (<.50%) engine oil. Check the equipment maintenance recommendations or call AMSOIL Technical Services with questions.

8. **Question:**
What are the general categories outlining different ash levels for natural gas engines?
Answer:
There are three classified levels of ash content for natural gas engines, including ashless, low ash and medium ash.

Ash Content (% wt)	Classification	Industry Uses
<0.1	Ashless	Two-stroke engines
0.4-0.6	Low Ash (universal)	Four-stroke engines*
0.7-1.0	Medium Ash	Severe fuels (landfill, sour or sewage gas)

*The universal class for four-stroke natural gas engines is low-ash lubricants. However, some two-cycle manufacturers allow for their use. AMSOIL Synthetic Stationary Natural Gas Engine Oil is a low-ash formula.

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