



SHELL MYSELLA[®] OILS

Premium ash-free natural gas engine oils

Product Description

Shell Mysella[®] Oils are heavy-duty premium quality ash-free oils designed specifically for lubrication of high performance gas engines which require an “ashless” oil. Formulated with select base oils and a Shell developed ashless additive system, they provide excellent cleanliness and minimum wear. Shell Mysella[®] Oils minimize combustion chamber and exhaust port deposits while minimizing oil viscosity increase.

Applications

- two-cycle and four-cycle stationary natural gas and LP gas fueled engines used in:
- gas transmission and compression
- total energy plants
- electric power generation
- irrigation pumping service
- stationary gas engines such as:
 - Allis-Chalmers
 - Clark
 - Colt-Fairbanks Morse
 - Dresser-Rand Category I and II
 - Waukesha
 - Ajax
 - Caterpillar (except 3400, 3500, 3600)
 - Climax
 - Copper Bessemer (2-Cycle)
 - International-Harvester
 - White Superior naturally aspirated
 - Worthington (2-Cycle)

Note: LPG engines in mobile service typically require API SJ or similar quality level motor oils

Features/Benefits

- promotes new engine cleanliness – formulation will help new engines stay clean
- promotes older engine cleanliness -- the high degree of detergency of **Shell Mysella[®] Oils** will work to clean older engines which have become heavily coated with varnish deposits while using oils of lower quality (this cleaning action takes place over relatively long periods of operation, thereby avoiding any rapid purging action that could conceivably cause plugging of oil screens and passages)
- protects against wear and minimizes ring scuffing during the break-in period
- completely ash-free performance helps spark plugs remain in excellent condition throughout their life (limited only by normal gap erosion)
- deposit-induced detonation and pre-ignition are virtually eliminated
- formulated without the use of bright stock, which can contribute to carbon deposits, and port plugging in two cycle engines
- have low carbon forming tendency, which coupled with the detergent action, reduces the need to clean cylinder ports of two-stroke cycle engines between normal overhaul periods
- minimizes nitration and oxidation effects to provide long oil life, long oil filter life and clean engines -- even in the most severe applications

Approvals

- Dresser-Rand for use in their Category I and Category II engines

Typical Properties of Shell Mysel® Oils				
	Test Method	SAE Grade		
		30	40	15W-40
Product Code		67183	67184	67178
Viscosity:				
@ 40°C, cSt	D 445	112	133	106
@ 100°C, cSt	D 445	12.0	13.5	14.5
Viscosity Index	D 2270	96	96	140
Gravity, °API @ 60°F	D 1298	28.0	27.9	29.3
Pour Point, °C (°F)	D 97	-21 (-5)	-18 (0)	-24(-10)
Flash Point, COC, °C (°F)	D 92	240 (465)	267 (505)	213 (420)
Sulfated Ash, wt%	D 874	0	0	0
Phosphorus, ppm	X-ray	250	250	250

Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet at <http://www.shell-lubricants.com/msds/>. If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please call **1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>.