

Shell MYSELLA® Oils

High performance ash-free oil for stationary gas engines

Shell MYSELLA® Oils are a heavy-duty lubricants for high performance natural gas engines which require an 'ashless' product. Using ashless technology developed by Shell, Shell MYSELLA® Oils minimize engine wear, deposits in combustion chambers and exhaust ports and viscosity increase in service.

Performance Features and Benefits

- **Excellent engine cleanliness**

New engines will remain almost deposit-free. The detergency of Shell MYSELLA® Oils will work to clean the heavy coatings of varnish from older engines which have used lower quality oils. (This cleansing action takes place gradually, thereby reducing the chance of blocking oil screens or filters with dislodged deposits.)

- **Minimal cylinder deposits**

The 'ashless' formulation of Shell MYSELLA® Oils enable spark plugs to remain almost 'as new', with their lifetime limited only by spark gap erosion. It also virtually eliminates detonation and pre-ignition, due to the absence of deposit 'hot spots.'

- **Clean cylinder ports**

Shell MYSELLA® Oils combine a low tendency to form carbon with a strong detergency system, to avoid port plugging in 2-stroke (2-cycle) engines.

- **Protection from wear**

Shell MYSELLA® Oils protect and minimize scuffing during the running-in (break-in) period.

- **Long oil and filter life**

Shell MYSELLA® Oils are highly resistant to nitration and oxidation, which cause filter deposits, viscosity increase and acid build-up.

Main Applications

- 2 and 4 stroke (2 and 4 cycle) spark-ignited engines fueled by natural gas and LP gas, which require or perform well with an ashless oil, including the following types:

Allis-Chalmers, Ajax, Caterpillar (except 3400, 3500, 3600), Clark, Climax, Colt-Fairbanks Morse, Cooper-Bessemer (2-cycle), Dresser-Rand (Category I and II), International-Harvester, Waukesha, White Superior (naturally aspirated), Worthington.

Note: This product is not designed for automotive gas engines.

Advice on applications not covered in this handbook may be obtained from your Shell representative.

Specifications, Approvals, and Recommendations

Shell MYSELLA® Oils are approved by Dresser-Rand for their Category I and Category II engines.

Handling and Safety Information

For information on the safe handling, storage, or use of this product, refer to its Material Safety Data Sheet at <http://www.epc.shell.com/>. If you are a Shell Distributor, please call 1+800-332-6457 for all of your service needs. All other customers please call 1+800-237-8645 for all of your service needs.

Protect the Environment

Do not discharge into drains, soil, or water.

Typical Physical Characteristics

Shell MYSELLA® Oils			30	40	15W-40
Viscosity	@ 40 °C	cSt	108	135	106
	@ 100 °C	cSt	12	14	14.5
Density	@ 15 °C	kg/m ²	885	894	880
Flash Point (COC)		°C	218	230	221
Pour Point		°C	-21	-18	-21
Sulfated Ash		%w	0	0	0
Phosphorus		ppm	250	250	250

These characteristics are typical of current production. While future production will conform to Shell specifications, variation in these characteristics may occur.