



# Shell Mysella R Oils

## Very low-ash oil for stationary gas engines

Shell Mysella R Oils are highly refined mineral oils fortified with additives specially chosen for their low ash characteristics. They are designed for use in spark-ignition gas engines which require a very low-ash crankcase oil.

### Applications

- Spark-ignition gas engines where a very low ash oil is specified
- Lower rated gas engines of older design
- Suitable for both two and four stroke engines

Shell Mysella R Oils are designed for use with natural gas and other hydrocarbon gases which are essentially free from sulphur and halogenated compounds.

### Performance Features

- **Excellent cylinder and bearing protection**  
Superior anti-corrosion and anti-oxidation properties.
- **Very Low ash level**  
Clean combustion chambers, pistons crowns and valves contribute to long engine life and extended periods between major overhauls. Minimises fouling of exhaust catalyst systems.

### Performance Specifications

Meet the performance requirements of:

DEF STAN - 91-31/1

API Classification - CB

MWM Deutz (Group D)

### Advice

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

### Health and Safety

Shell Mysella R Oils are unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water. For further guidance on Product Health & Safety refer to the appropriate Shell Product Safety Data Sheet.

### Protect the environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

### Typical Physical Characteristics

Shell Mysella R Oil		30	40
SAE Viscosity grade		30	40
Kinematic Viscosity	(IP 71)		
at 40°C	cSt	101	135
at 100°C	cSt	11.5	13.7
Density at 15°C	kg/l (IP 365)	0.892	0.899
Viscosity Index	(IP226)	100	100
Flash Point COC	°C (PMCC)/ (IP 34)	218	230
Pour Point	°C (IP 15)	-18	-18
Total Base Number	mg KOH/g ASTM D2896	2.0	2.0
Sulfated Ash	%W (IP 163)	0.2	0.2

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.