



## Technical Data Sheet

- Reliable Protection
- Low Ash Content for Four Stroke Engines

# Shell Mysella S4 N 40

## High Performance Low-ash Stationary Gas Engine Oil

Shell Mysella S4 N 40 is an oil blended for use in 4-stroke, spark-ignition engines which require a 'low ash' oil and use natural gas as fuel.

### DESIGNED TO MEET CHALLENGES

#### Performance, Features & Benefits

##### • Engine protection

Shell Mysella S4 N is formulated with low ash and low phosphorus offering extended life to valves and spark plugs and full compatibility with emission catalysts.

#### Main Applications



- Spark-ignited gas engines fueled by natural gas
- May also be used in gas engine/compressor sets

#### Specifications, Approvals & Recommendations

- Shell Mysella S4 N is suitable in engine types where a "low ash" oil is required such as Caterpillar engines.

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk

#### Typical Physical Characteristics

Properties			Method	Shell Mysella S4 N 40	
SAE Viscosity Grade				40	
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ASTM D445	120	
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ASTM D445	13.5	
Density	@15°C	kg/m <sup>3</sup>	ASTM D4052	880	
Flash Point			°C	ASTM D93	230
Pour Point			°C	ISO 3016	-18
BN	mg	KOH/g	ADTM D2896	5.7	
Sulphated Ash			%wt	ISO 3987	0.5
Phosphorus			ppm	ASTM D4047	300

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

#### Health, Safety & Environment

##### Health and Safety

Shell Mysella S4 N 40 is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from <https://www.epc.shell.com>

##### Protect the Environment

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

## Additional Information

### Advice

Advice on applications not covered here may be obtained from your Shell representative.