



Shell Mysella S5 N

Previously known as Shell Mysella XL

- Extended oil life
- Extra protection against deposits and corrosion



DESIGNED TO MEET CHALLENGES

Every part of your machine or process has been meticulously engineered, so you want to use a lubricant that has been designed to ensure that your equipment is well protected and works efficiently.

The Shell Mysella range of gas-engine oils has been developed to enable equipment operators to select the oil that will help deliver optimum value to their operations through

- **wear protection**
- **long oil life**
- **system efficiency**

PERFORMANCE AT A GLANCE

	Protection	Oil life	System efficiency
Shell Mysella S5 N <ul style="list-style-type: none"> ■ Extended oil life ■ Extra protection against deposits and corrosion 	✓✓✓✓	✓✓✓✓	✓✓✓✓
Shell Mysella S3 N <ul style="list-style-type: none"> ■ Reliable protection ■ Low ash content for four-stroke engines 	✓✓✓	✓✓✓	✓✓✓

Performance level is a relative indication only.

A LONG-LIFE, LOW ASH OIL FOR STATIONARY GAS ENGINES

Shell Mysella S5 N is Shell's high-performance, long-life gas-engine oil. This top-tier product combines an extremely long oil life with excellent engine protection, which can provide cost savings through reduced oil use and extended maintenance intervals.

It is suitable in engine types and compressor sets where a low ash oil is required, and its advanced formulation provides excellent cleanliness and protection.

Key data

SAE: 40; BN: 4.5; ash: 0.48%

DESIGNED FOR HIGH EFFICIENCY

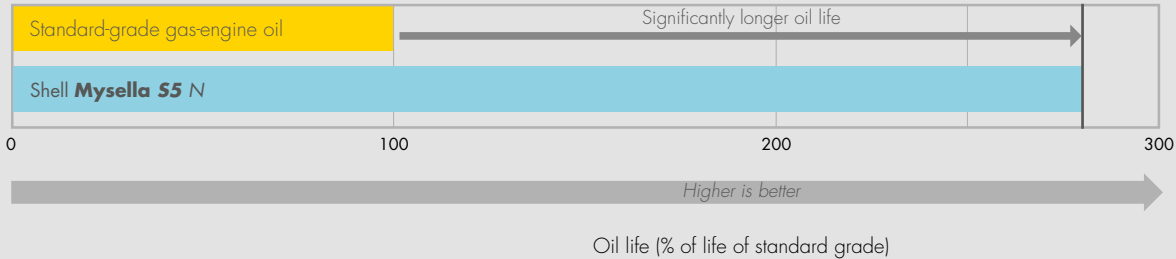
Shell Mysella S5 N is designed to help prevent knocking and thereby enable engines to be run at full load and optimum efficiency. Its viscosity control helps to minimise engine friction losses. It also helps to provide excellent cleanliness for the heat recovery boilers, turbochargers and intercoolers, thus enhancing energy efficiency.

SHELL MYSELLA S5 N IS DESIGNED TO PROVIDE SUPERIOR DEPOSIT CONTROL, EVEN IN ENGINES WITH VERY HIGH PISTON TEMPERATURES.

DESIGNED FOR LONG OIL LIFE

Shell Mysella S5 N has set a new Shell benchmark for oil life in modern, high-efficiency gas engines and has been categorised as a premium and long-drain-interval oil by several engine manufacturers. By resisting oxidation and nitration, it offers;

- **significantly longer oil life in high-speed gas engines compared with a standard-grade oil.**



Oil life (% of life of standard grade)

Comparison based on a trial in a Caterpillar 3400 series engine

Shell Mysella S5 N has extended oil life characteristics that can help operators to synchronise oil drains with maintenance intervals, thereby helping to maximise production and minimise the cost of labour hours, particularly at remote and standalone sites.

SPECIFICATIONS AND APPROVALS

Shell Mysella S5 N meets the requirements of a wide range of equipment manufacturers. SAE viscosity grades available: 40.

CLAIMS AND APPROVALS	MEETS REQUIREMENTS
Cummins GE-Jenbacher Guascor MAK MAN MDE MTU MWM-Deutz Rolls-Royce Tedom Wärtsilä Waukesha	Caterpillar stationary gas engines

DESIGNED TO PROTECT

Shell Mysella S5 N is designed to provide superior deposit control, even in engines with very high piston temperatures, and excellent ring belt cleanliness and cylinder liner protection.



EXTRA PROTECTION: After 22,000 hours of operation in a DEUTZ TCG 2020 V20 engine, Shell Mysella S5 N helped to provide minimal ash deposits (top) and a clean top land and ring grooves (bottom).

APPLICATIONS



Ideal for use in four-stroke gas engines used for power generation and combined-heat-and-power systems.



Suitable for use in four-stroke gas engines operating compressors on gas collection and transmission networks.



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REAL-WORLD VALUE DELIVERY

Shell Mysella S5 N has unlocked operational improvements in a range of applications. For instance, power generation company Thermie Serres extended its oil-drain interval by 8,700 to 12,700 hours, more than treble its previous interval, which saved \$8,545 a year.*

FULL PRODUCT AND SERVICE PORTFOLIO

Whatever your needs or application, we can provide a full range of oils and greases, including synthetic, high-performance products and additional services.

*Savings reported by a specific customer. Actual savings will vary and depend on application, current oil, maintenance procedures, the equipment condition and the operating conditions.