Technical Data Sheet

- Ultra-Extended Oil Life
- Excellent Deposits Protection
- Enhanced Engine Protection
- Improved System Efficiency

Shell **Mysella** ***S7 N Ultra 40***

Premium Stationary Gas Engine Oil for Ultra Extended Oil Life

Shell Mysella S7 N Ultra is an extremely high-performance oil designed for use in highly-rated, 4-stroke, spark-ignition engines, especially those with steel pistons. Excellent engine cleanliness and ultra-extended drain intervals are delivered through the use of specially designed advanced oil technology.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Ultra-extended oil life**
  Shell Mysella S7 N Ultra offers ultra-extended oil life relative to previous generation premium gas engine oils through improved oxidation and nitration resistance, viscosity control and reduced formation of harmful acids.
- **Engine protection**
  Shell Mysella S7 N Ultra offers superior control of deposits and piston cleanliness in the latest engine designs, delivered with advanced additive technology and is fully compatible with emission catalysts.
- **System efficiency**
  Shell Mysella S7 N Ultra delivers system efficiency through improved viscosity control minimizing friction losses.

Main Applications



- Spark-ignited gas engines fuelled by natural gas, in particular the latest generation, most demanding engines with stainless steel pistons where higher oil stress conditions can be experienced

Specifications, Approvals & Recommendations

Shell Mysella S7 N Ultra is specially developed for latest generation high efficiency gas engines

Shell Mysella S7 N Ultra is approved by:

- Bergen Engines (formerly Rolls-Royce) for B36:45, B35:40, C26:33, K-G1, K-G2, K-G3, K-G4 gas engines
- Caterpillar for gas engines CG132, CG 132B, CG170, CG170(1.0), CG170(K), CG170B, CG260, CG260(4.5) for natural and sour gas
- INNIO Jenbacher for gas engines Type 6 Versions C, E, F, G, H, J, K Fuel Class A and CAT; Types 2 and 3 Fuel Class A; for gas engines for special gas applications Fuel Class S and CAT.
- MWM for gas engines TCG 2016, TCG 2016B, TCG 2016C, TCG 3016, TCG 2020, TCG 2020(1.0), TCG 2020K, TCG2020K1, TCG 3020, TCG 2032, TCG2032B for natural and sour gas

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

For engines under warranty, Shell advises contact with the engine manufacturer and Shell representative to choose the appropriate oil given the equipment operating conditions and customer maintenance practices.

Typical Physical Characteristics

Properties			Method	Shell Mysella S7 N Ultra 40
SAE Viscosity Grade				40
Kinematic Viscosity	@40°C	mm^2/s	ASTM D445	110
Kinematic Viscosity	@100°C	mm^2/s	ASTM D445	12.6
Density	@15°C	kg/m^3	ASTM D4052	870
Flash Point (COC)		°C minimum	ASTM D92	230
Pour Point		°C	ISO 3016	-18
Base Number		mg KOH/g	ASTM D2896	6
Phosphorus		ppm maximum	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 S7 N Ultra is 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.

  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 authorized collection point. Do not discharge into drains, soil or water.

Additional Information

- **Oil Analysis**

  For optimum results regular oil analysis is strongly recommended

- **Advice**

  Advice on applications not covered here may be obtained from your Shell representative. Note: this product is not designed for automotive gas engines