Rubia Gas 9M 15W-40

GAS, DIESEL AND GASOLINE ENGINE OIL

KEY DATA

Engine Oil specially developed for natural gas (CNG, LNG) heavy-duty engines, and compatible with diesel and gasoline applications based on the latest API CK-4 / SN specifications.

INTERNATIONAL STANDARDS

- API CK-4/SN

MANUFACTURER APPROVALS

- Cummins CES 20092 / CES 20086
- DDC DFS93K222
- Volvo VDS-4.5
- Renault Trucks RLD-3
- Mack EO-S 4.5

TECHNOLOGY

Anti-Nitration technology

Rubia Gas with Anti-Nitration technology uses a combination of high-quality base oils and antioxidants in order to reduce nitrogen oxidation problems in CNG and LNG engines.
Additionally, Rubia Gas high performance detergents help keep spark plugs clean and optimize engine durability.

APPLICATIONS

Rubia Gas 9M 15W-40 is a specially developed engine oil for the latest generation natural gas (CNG, LNG) heavy-duty engines in transport sector (especially buses, deliveries and waste collecting vehicles) also compatible with diesel and gasoline applications based on the latest API CK-4 / SN specifications.
With its medium ash content, Rubia Gas 9M 15W-40 protects Cummins's gas engines.

PERFORMANCES & CUSTOMER BENEFITS

- Rubia Gas 9M 15W-40 has excellent thermal stability and oxidation and nitro-oxidation resistance. Its optimized ash content (0.9%) delivers the performance required in latest generation natural gas (CNG, LNG) engines avoiding spark plug fouling and deposit formation in the combustion chamber.
- Rubia Gas 9M 15W-40 is perfectly adapted to the latest generation natural gas engines and diesel and gasoline engines requiring API CK-4 / SN specifications.
- Rubia Gas 9M 15W-40 contains excellent viscosity stability additives in service, guaranteeing effective engine protection in severe conditions.

CHARACTERISTICS*

TEST	UNIT	TEST METHOD	RESULT
Density at 15 °C	kg/m^3	ASTM D1298	875
Kinematic viscosity at 40°C	mm²/s	ASTM D445	121
Kinematic viscosity at 100°C	mm²/s	ASTM D445	15.8
Viscosity index	-	ASTM D2270	139
Pour point	°C	ASTM D97	-36
Flash Point	°C	ASTM D92	>200
T.B.N	mg KOH/g	ASTM D2896	9.9
Sulphated Ash	% m/m	ASTM D874	0.9

* The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

RECOMMENDATIONS FOR USE

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS).

This can be obtained on request from your local reseller and is available for consultation at https://ms-sds.totalenergies.com.

This product should not be used for any purposes other than the ones for which it is intended.

TotalEnergies

Some variations can be expected under normal production conditions, but these should not affect the product's expected performance irrespective of the site. The information contained in this document is subject to change without notice. Our products can be viewed on our website at www.lubricants.totalenergies.com.