

Product Data Sheet

Mobil Pegasus 710 High Performance Gas Engine Oil for Natural Gas and mildly aggressive Bio-Gases

Product Description

Mobil Pegasus 710 is a premium quality SAE 40 gas engine oil. It is blended from highly refined base stocks fortified with carefully selected additives having sulphated ash characteristics which give optimum performance. It also contains wear resistance and detergent/dispersant additives. The medium ash level assists in maintaining clean combustion spaces and optimises valve protection.

Benefits

Mobil Pegasus 710 offers the following benefits:

- Suitable for both natural gas and mildly aggressive bio-gas applications
- Reduced combustion chamber deposits to cater for the higher temperatures produced by gas engines
- Increased lubricant life
- Good control of valve wear
- Reduced heat exchanger deposits
- Low engine maintenance and long service life
- High resistance to corrosive attack
- High resistance to oxidation and nitration

Application

Mobil Pegasus 710 is formulated to control the contaminants found in landfill and digester gases having medium levels of halogens and/or hydrogen sulphide content.

There are two main types of gas engines spark ignition or pilot ignition (with diesel fuel dual fuel type). Mobil Pegasus 710 is formulated for use in the more critical spark ignition engines. Since gas is inherently a clean burning fuel, the main source of combustion chamber deposits will be lubricating oil and for this reason normal engine lubricants are unsuitable for spark ignition.

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Typical Characteristics

Mobil Pegasus 710

	Test Method	
SAE Grade		40
Viscosity, cSt at 40°C	ASTM D445	121
Viscosity, cSt at 100°C	ASTM D445	13.2
Viscosity Index	ASTM D2270	98
Sulphated Ash, wt. %	ASTM D874	0.9
Total Base Number (TBN), mg KOH/g	ASTM D2896	6.4
Flash Point, °C	ASTM D92	246
Pour Point, °C	ASTM D97	-15

Due to continual product research and development, the information contained herein is subject to change without notice.

Mobil Oil Company Limited
Acting as Agent for Mobil Lubricants UK Limited
ExxonMobil House, Ermyn Way
Leatherhead, Surrey, KT22 8UX
Telephone: 01372 22 2000

