



Mobil Pegasus 705

Mobil Industrial , Egypt

Gas Engine Oil

Product Description

Mobil Pegasus 705 is a high performance mineral gas engine oil formulated to lubricate a wide range of natural gas-fuelled engines, including lean-burn, high-speed designs sensitive to valve recession. Mobil Pegasus 705 is an SAE 40 intermediate ash product that meets the new lubrication requirements of the severe, turbo-charged higher-speed, four-cycle gas engines. Mobil Pegasus 705 is suitable for engines with low levels of hydrogen sulfide in the fuel.

Features and Benefits

- Excellent protection for valve guide faces and seats
- Maximum protection against piston scuffing, scoring, and cylinder liner wear
- Improved engine cleanliness
- Excellent resistance to oxidation and nitration
- Minimum ash deposits in lean-burn and low-oil consumption gas engines
- Excellent resistance to foaming, excellent TBN retention and corrosion resistance

Applications

Mobil Pegasus 705 is recommended to be used in both medium- and high-speed gas engines.

Specifications and Approvals

| Mobil Pegasus 705 meets or exceeds the requirements of: | |
|--|---|
| Caterpillar | X |

| Mobil Pegasus 705 has the following builder approvals: | |
|---|---|
| MTU Category 1 | X |
| PERKINS GAS ENGINE OIL - NATURAL GAS | X |
| GE JENBACHER TI 1000-1107 | X |
| MWN GmBH TR 0199-99-2105/7, Lube Oils for Gas Engines | X |
| WARTSILA 34SG | X |
| WARTSILA 32 DF | X |
| WARTSILA 28SG | X |
| WARTSILA 220 SG | X |
| WARTSILA NSD W25SG | X |
| WARTSILA NSD W12V150SG, W12V175SG, W16V175SG | X |
| MAN approval 3271-2 | X |

Typical Properties

| Mobil Pegasus 705 | Test Method | Unit | |
|------------------------|-------------|----------|------------------|
| CMCS Code | | | 97F517 |
| Appearance | Visual | | Bright and Clear |
| Viscosity @ | | | |
| 40°C | ASTM D 445 | cSt | 126.2 |
| 100°C | ASTM D 445 | cSt | 13.2 |
| Viscosity Index | ASTM D 2270 | none | 98 |
| Flash Point COC | ASTM D 92 | °C | 252 |
| Pour Point | ASTM D 97 | °C | -18 |
| Total Base Number | ASTM D 2896 | mg KOH/g | 5.6 |
| Sulfated Ash | ASTM D 874 | wt% | 0.5 |
| Calcium | ASTM D 4951 | wt% | 0.12 |
| Zinc | ASTM D 4951 | wt% | 0.032 |
| Foam Seq I, Tend/Stab | ASTM D 892 | ml/ml | 5/0 |
| Foam Seq II, Tend/Stab | ASTM D 892 | ml/ml | 40/0 |

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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You can always contact our Technical Help Desk engineers on Mobil lubricants and services related questions: <https://www.global.mobil.com/en/contact-us>

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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