

# Service Bulletin

**4000 Series**

**48 Issue 4**

**Change to the recommended oils**

**January 2009**

This service bulletin only applies to all 4000 series gas engines.

In line with Perkins continuous drive to improve product and quality, the following oils have been approved.

## **Recommendations**

**Caution:** *Multigrade oils must not be used.*

Engines that operate on natural gas should be lubricated by oils that have a nominal ash content of 0.5% by weight and a TBN (Total Base Number) between 5 and 7.

The following SAE40 monograde engine oils comply with the parameters given above:

- 1 Mobil - Pegasus 705
- 2 Texaco/Caltex - Geotex LA
- 3 Q8 - Mahler MA
- 4 Castrol - Duratec L
- 5 Mobil - Pegasus 1005
- 6 Mobil - Pegasus 805
- 7 BP - Energas NGL
- 8 Shell - Mysella LA
- 9 Shell - Mysella XL
- 10 Total - Nateria MH40
- 11 Chevron/Caltex - <sup>(1)</sup>HDAX (0% and 0.5% sulphated ash)
- 12 Chevron - HPLX low ash
- 13 Petro Canada - Sentron LD 5000

<sup>(1)</sup> This oil has a lower TBN value than the recommended minimum value, but the additive elements give the equivalent performance.

**Caution:** *Oil change schedules for any of the above oils must be approved by Perkins Application Department, Stafford, England.*

**Note:** Engines which run on land-fill gas should use the oils currently recommended in the relevant Users Handbook or Operation and Maintenance Manual. These oils have a higher ash content.

End

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