

Title (en)

METHOD OF MAKING SILICONE-CONTAINING LUBRICATING OILS

Publication

**EP 0006000 B1 19810909 (EN)**

Application

**EP 79300996 A 19790530**

Priority

- GB 2594378 A 19780531
- GB 7833877 A 19780818

Abstract (en)

[origin: EP0006000A1] The properties and performance of a lubricating oil containing silicones, and particularly the stability of the silicone molecules in suspension in the oil, are very significantly improved if during the addition of the silicones to the oil the mixture is subjected to a particular heat treatment and/or an electromagnetic energy field, particularly a strong magnetic field. In a preferred method of manufacturing the silicone oil, the silicones, preferably a dimethyl silicone fluid, (up to 20%) is added to a mixture of an oil (up to 40%), and a silicone solvent, preferably perchloroethylene, (remainder) in the presence of a magnetic field to form a silicone-rich carrier, and the carrier is subsequently added, as a small proportion, to a base oil, for example an SAE 30 paraffinic oil and again subjected to a magnetic field. The silicone oil produced should contain, by volume, not more than 1% silicone, preferably 0.2% and not more than 4% solvent, preferably 0.4% and is suitable for use as a two stroke oil, an upper cylinder lubricant, or an engine sump oil.

IPC 1-7

**C10M 1/50**; F01M 3/04; F16N 15/00

IPC 8 full level

**C10M 155/02** (2006.01); F02B 1/04 (2006.01)

CPC (source: EP)

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Cited by

US6074444A; WO9800481A1; EP3579040A1

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