

Product Data Sheet

Mobilsol PM Synthetic Based Cleaner for Lubrication Systems

Product Description

Mobilsol PM is a highly detergent product which, when added to the fluid in hydraulic and circulation systems, will help to release and hold in suspension, gummy oil oxidation products and insoluble materials.

Benefits

Mobilsol PM offers the following benefits:

- High level of detergency
- High level of dispersancy
- Can be added to systems without shutting down
- Low toxicity
- Holds contamination in suspension to assist removal in filters
- Cleans fouled systems by promoting the removal of foreign deposits, carbonaceous material and sludge
- It is non-corrosive and needs no special precautions for storage or use

Application

We recommended Mobilsol PM be used in accordance with the following instructions:

Introduce Mobilsol PM into a contaminated system progressively in 1% increments based on the total volume of system, (maximum to be used 4%).

Circulate dirty lubricant / Mobilsol PM mixture for 3-10 working days whilst regularly checking the condition of all filters.

Drain the system whilst hot and flush with a small volume (10% of the system volume or less) of the new product being introduced.

Replace all filters and cartridges etc. and fill up with the new product.

Where pump or bearing manufacturers specify a maximum viscosity for a particular operation, change in viscosity caused by addition of Mobilsol PM should be calculated from blending tables. In some cases it may be necessary to blend Mobilsol PM with a lower viscosity oil before adding it to the fluid in use.

Note:

Do not use Mobilsol PM in NC machines or servo valve systems without special engineering consideration. In any systems incorporating sensitive servo control valves even very small particles of dirt introduced with the solvent/fluid mixture or dislodged by it may interfere with the valve operation. Cleaning hydraulic systems incorporating servo valves must be carried out strictly in accordance with the manufacturers instructions.

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

	Test Method	Mobilsol PM
Relative Density 15/4 °C	IP 160	0.986
Viscosity, cSt at 40°C	IP 71	380
Viscosity, cSt at 100°C	IP 71	21
Viscosity Index	IP 226	56
Flash Point, COC °C	IP 36	210

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

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