

Product Data Sheet

Mobilfluid 422 Multipurpose Transmission/ Hydraulic Fluid

Product Description and Application

High quality solvent refined paraffinic mineral oil containing extreme pressure additives and friction modifiers for transmissions, final drives and hydraulic systems of farm and industrial tractors and mobile equipment including those with oil immersed disc brakes.

Mobilfluid 422 meets Ford Specification ESEN-M2C86-B

Specifications

- Maximum protection against rust corrosion and foam.
- Wide operating temperature range.
- Maximum braking efficiency and elimination of squawk and chatter in oil immersed brakes due to special frictional characteristics.
- Excellent wear protection for gears in transmissions and heavily loaded final drives.
- Low operating costs due to long oil life and reduced maintenance.

Mobilfluid 422 is recommended for service top-up and refill of transmissions, differentials, final drives, hydraulic and power steering systems - and also for fluid immersed disc brakes in agricultural and industrial tractors and similar mobile equipment.

Properties

Mobilfluid 422 is an extremely stable fluid having a high level of resistance to chemical degradation thus resisting any tendency to form sludges and carbonaceous deposits which clog oilways and impair hydraulic valve actuation. This gives it a long service life promoting trouble free transmission lubrication and consistent, concise and rapid hydraulic response.

It also has a high viscosity index giving minimal viscosity change over wide operational temperature variations giving consistent hydraulic operation at all times.

Mobilfluid 422 is specially compounded to prevent squawk and chatter in wet brake systems, where tractor disc brakes are completely immersed in the fluid in the transmission housing.

It also has special anti-wear characteristics which reduce metal to metal contact in gear transmission systems and heavily loaded final drives.

Mobilfluid 422 prevents rust and corrosion and reduces any tendency towards the formation of foam which can promote cavitation, noisy pump operation and increased wear.

Mobilfluid 422 has low temperature fluidity characteristics which give prompt circulation under all conditions. It is completely compatible with all seal materials normally used in tractor and similar equipment design.

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

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Typical Characteristics

| | Mobilfluid 422 |
|------------------------|-----------------------|
| Pour Point, °C | -27 |
| Flash Point, °C COC | 218 |
| Viscosity cSt @ 40 °C | 85 |
| Viscosity cSt @ 100 °C | 10.2/11.3 |
| Viscosity Index | 105 |

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

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