

Product Data Sheet

Mobil DTE Extra Heavy & Double Lettered Oils High Quality Circulation Oils

Product Description

Mobil DTE Oil Extra Heavy and Double Lettered Oils are a range of high quality circulation oils made from solvent refined high viscosity index base oils and blended with anti-oxidant and anti-rust additives.

Mobil DTE Extra Heavy and Double Lettered Oils have a high viscosity index - which ensures minimum variation in film thickness and minimum power loss during the warm up period. They are specially fortified to prevent the formation of rust, and also have the ability to take into solution small amounts of water but to separate rapidly from large amounts which may find access to the circulation system. They protect against the formation of emulsions and sludges which seriously detract from lubricating efficiency.

The Mobil DTE Extra Heavy and Double Lettered Oils have a marked resistance to foaming and have excellent air release properties allowing entrained air to separate at the oil surface. This is particularly vital in circulation systems in which air entrained in the oil can lead to pump cavitation and erratic operation.

These oils have excellent anti-wear properties to protect bearing surfaces under boundary and start up conditions.

Benefits

Mobil DTE Extra Heavy and Double Lettered Oils offer the following benefits:

- High level of chemical and thermal stability gives long service life, and potential to extend drain periods.
- Very high level of protection against rust and corrosion.
- Rapid and complete separation from water.
- Very high resistance to emulsification.
- High level of protection against wear reduces maintenance costs.
- Prevention of sludges improves operating efficiency.
- Higher production and reduced maintenance costs increase operating profits.

Application

These oils are intended primarily for continuous re-use service in circulation lubrication systems where design factors and maintenance procedures ensure minimum leakage loss. This includes - splash, bath and ring oiling arrangements - and all other continuous re-use methods involving pumps, valves and ancillary equipment.

They are also suitable as multipurpose lubricants; they may be used in gear systems or in hydraulic systems where clearances are relatively large and temperatures and pressures relatively moderate. Those grades are particularly useful when rationalising lubricant requirements.

Health and Safety

Based on available toxicological information, it has been determined that these products pose 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

| Mobil DTE Oil | Extra Heavy | BB | AA |
|-------------------------|--------------------|-----------|-----------|
| ISO Viscosity Grade | 150 | 220 | 320 |
| Viscosity, cSt at 40°C | 135/150 | 198/220 | 288/320 |
| Viscosity, cSt at 100°C | 14.4 | 18.6 | 23.5 |
| Viscosity Index | 95 | 95 | 95 |
| Pour Point, °C max. | -12 | -12 | 3 |
| Flash Point, °C min. | 226 | 226 | 238 |

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

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