



A brand of **TOTAL**

ELFMATIC IIIH



Automatic Transmission Fluid

APPLICATIONS

ELFMATIC III H IS RECOMMENDED FOR ALL AUTOMATIC TRANSMISSIONS AND HYDRAULIC SYSTEMS FOR WHICH A DEXRON III FLUID IS REQUIRED BY THE MANUFACTURER.

- Automatic gearboxes.
- Torque converters and couplers.
- Power steering systems

PERFORMANCES AND CUSTOMER BENEFITS

ELFMATIC IIIH PROVIDES MANY PHYSICO-CHEMICAL PROPERTIES REQUIRED FOR AUTOMATIC TRANSMISSIONS OF THE LATEST DESIGN:

- Special friction properties giving controlled slip for friction components: gear changing quality, demands smooth clutching action without excessive slip and free from chatter. This basic property which depends on the relative static and dynamic friction coefficients and the variation of the latter with speed, is obtained by means of special unctuous additives,
- Low temperature fluidity to avoid surge or sudden overload of circuits when starting in very cold weather,
- High anti oxidation capacity, thermal stability and detergent properties preserving the overall performance during long periods of use and preventing from the formation of deposits, gums and varnishes,
- High viscosity index,
- Will not affect elastomers and non-ferrous metals like copper or alloys,
- Excellent wear protection of gears, pumps and thrust bearings,
- Excellent anticorrosion and antirust properties,
- Low pour point.

SPECIFICATIONS

- GM DEXRON III H®
- FORD MERCON
- Meets the requirements of ALLISON C4

PHYSICAL AND CHEMICAL CHARACTERISTICS

| ELFMATIC IIIH | Unit | Method | Value |
|------------------------------|--------------------|-------------|--------|
| Density at 15°C | Kg/m ³ | ASTM D1298 | 842 |
| Kinematic Viscosity at 40°C | mm ² /s | ASTM D445 | 31.3 |
| Kinematic Viscosity at 100°C | mm ² /s | ASTM D445 | 7.0 |
| Dynamic Viscosity @ -40 0C | mPa.s(cP) | ASTM D 2983 | 20,000 |
| Viscosity Index | - | ASTM D2270 | 196 |
| Flash point | °C | ASTM D92 | 180 |
| Pour Point | °C | ASTM D97 | -42 |

The features mentioned above are average values obtained with some variability in production and do not constitute a specification.