



A brand of **TOTAL**

# ELFMATIC IID



**Fluid for Automatic Transmissions and Hydraulic Systems**

## APPLICATIONS

Automatic or semi-automatic transmissions and torque converters of passenger cars, light commercial vehicles and industrial vehicles, when the manufacturer requires an ATF (Automatic Transmission Fluid) GM DEXRON®-IID.

- Manual gear boxes when an ATF fluid is required.
- Hydrostatic transmissions.
- Power steering.
- Hydraulic systems when a fluid type GM DEXRON®-IID is required.
- Automatic gearboxes.
- Torque converters and couplers.
- Power steering systems

## PERFORMANCES AND CUSTOMER BENEFITS

- Very high viscosity index linked with an excellent viscosity stability in operation.
- Very low pour point.
- Very good thermal stability
- Excellent resistance to oxidation.
- - Friction properties specific to the requirements of GENERAL MOTORS Hydramatic

## PERFORMANCE LEVELS

- MAN 339 Type Z-1 & V-1
- VOITH H 55.633535
- ZF TE-ML 04D, 09, 14A, 17C
- MB 236.9
- GM DEXRON® IID
- FORD MERCON®

## PHYSICAL AND CHEMICAL CHARACTERISTICS

ELFMATIC IID	Unit	Method	Value
Density at 15°C	Kg/m <sup>3</sup>	ASTM D1298	865
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	38.9
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	7.5
Dynamic Viscosity @ -40 0C	mPa.s(cP)	ASTM D 2983	50,000 max.
Viscosity Index	-	ASTM D2270	171
Flash point	°C	ASTM D92	220
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.*