

## TRION – ATF 3

### DATA SHEET

#### Automatic Transmission Fluid DEXRON®

DEXRON® ATF is designed for automatic transmissions in passenger cars and heavy commercial vehicles, particularly those with GM transmissions pre-2005, or applications requiring DEXRON® III and II fluids. It is formulated with hydrocracked synthetic base oils and a dedicated additive package, preventing oxidation, reducing friction, and offering enhanced protection against corrosion, wear, and deposit formation.

#### Applications & Benefits

- **Long Life:** Reduces friction between gears, extending the transmission's life cycle and providing a smoother ride.
- **Oxidation Stability:** Thermal stress additives resist oxidation, preventing sludge, lacquer, and harmful deposits while keeping the system clean.
- **Improved Protection:** The combination of synthetic bases and additives ensures excellent protection for bronze and copper components.
- **Easy Start & Stop:** Exceptional fluidity at low temperatures ensures faster cold circulation and reliable anti-wear protection for the system.
- **Compatibility:** Compatible with a wide range of sealing elastomers, preventing lubricant losses due to gasket deterioration.
- **Versatility:** Suitable for many European and North American OEM transmissions. It is recommended for applications requiring Dexron®-III, Mercon®, and Allison C-4 fluids, as well as ZF and Voith transmissions.

#### Replacement Options:

Can replace the following fluids:

- Eni Rotra ATF III
- Castrol ATF DEX III
- Shell Spirax S4 ATF HDX

#### RECOMMENDATIONS

- |   |                                       |
|---|---------------------------------------|
| • DEXRON® IIIH, IIIG, IID                                       | • DTFR 13C100, 13C110, 13C140, 13C170 |
| • Allison C-4, TES-389  | • MB 236.5, 236.6, 236.10             |
| • Caterpillar TO-2  | • VOITH H55.6335, H55.6336            |
| • Mopar +3, +4  | • Volvo 97340, 97341                  |
| • ZF TE-ML 02F, 03D, 05L, 21L, 09, 11A, 11B, 14A, 04D, 16L, 17C | • Ford TASA                           |
|   | • MAN 339 Z1, V1, Z2, V2              |

\*For further information please contact the Technical Service.



## Chemical-Physical Characteristics

TEST	Method	ATF 3
Color	Visual	RED
Density @ 15°C, kg/dm <sup>3</sup>	ASTM D 4052	0.855
Viscosity @ 40°C	ASTM D 445	35.0
Viscosity @ 100°C	ASTM D 445	7.5
Viscosity Index	ASTM D 2270	170
Flash point, °C	ASTM D 92	200
Pour point, °C	ASTM D 97	-42
Brookfield Viscosity @ -40°C	DIN 51389	18,000

NOTE: The above values are "typical" for normal production tolerance and do NOT constitute a specification.

## Storage & Health

Store under cover, away from temperatures above 60°C or direct sunlight. Avoid freezing temperatures. No health effects when used properly.

## Environmental Guidelines

Do not discharge lubricant into sewage, soil, or water. Dispose of used lubricant at authorized collection points.