



# Peregrine

## Additives & Lubes

### **PAL OTOMO H** **Automatic Transmission Fluid**

Last Revision: 25/07/19

#### **Description**

PAL OTOMO H is a premium multi-functional automatic transmission fluid, meeting the stringent and widely popular standards of General Motors and Ford, as well as other OEMs. Extensive tests were carried out against General Motors specification 6297M and Ford specification M2C185A. OTOMO H qualifies as an Allison C-4 and a Caterpillar TO-2 lubricant.

OTOMO H demonstrates outstanding oxidative and thermal stability, giving extremely long service life under the most severe operating conditions. The fluid's operating temperature range is between -40°C to 160°C. It meets the severe requirements for a transmission/torque converter fluid. In addition, it acts as an excellent hydraulic fluid and surpasses the performance of most top quality anti-wear hydraulic oil. OTOMO H is superior to 10W motor oil commonly used in mobile equipment hydraulic systems because it has better cold starting performance, superior metals compatibility and a greater resistance to oxidation.

OTOMO H fluid should not be used on pre-1980 Ford transmissions that require a Ford Type F fluid meeting the obsolete Ford specification ESW-M2C33-F.

#### **Performance Standards**

- GM DEXRON® III-H
  - FORD MERCON® ESP 138J, M2C 166-H
  - Allison C-4, Caterpillar TO-2
  - Meets Vickers 35VQ25 hydraulic pump test
  - Sundstrands Hydraulics
  - Meets Denison HF-1, HF-2 requirements for hydraulic vane and piston pump
- GM DEXRON® and MERCON® are registered trademarks of General Motors Corporation and Ford Motor Corporation.

#### **Features**

- Premium low temperature performance
- Frictional characteristics designed to optimize transmission efficiency
- Anti-wear protection for transmission and hydraulic systems
- Detergents and dispersants to improve system cleanliness
- Compatible with most seal materials and other mineral oils

**6318 Union Ave.**  
**Shreveport LA, 71106**  
**318-222-8787**



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### Applications

- GM passenger car and light duty truck automatic transmission
- Where Ford Mercon® Type CJ and Type H fluids are recommended
- Heavy duty transmissions requiring Allison C-4 or Caterpillar TO-2 oils
- Allison V-730 transmissions
- Suitable for Sunstrand, Vickers, Rexnord and Hagglands Denison (except certain axial piston) hydraulic pumps
- May be used in power steering systems specifying a Dexron® III or II type fluids
- Some flooded rotary screw and vane compressors

### Typical Properties

Density@15°C, kg/L	0.852
Appearance	Red
Viscosity@40°C, cSt	34.3
Viscosity@100°C, cSt	7.0
Viscosity Index	172
Flash Point, °C, COC	214
Pour Point, °C	-42

Typical values do not constitute as specifications. Due to continual product research and development, the information contained herein is subjected to change without notification

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