



Bardahl ATF Dexron III-H

BARDAHL Multi-Functional Automatic Transmission Fluid

PRODUCT DESCRIPTION

Bardahl ATF Dexron III-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. Bardahl ATF Dexron III-H qualifies as an Allison C-4 and a Caterpillar TO-2 lubricant.

Bardahl ATF Dexron III-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 convertor fluid. In addition it acts as an excellent hydraulic fluid and surpasses the performance of most top quality anti-wear hydraulic oil. Bardahl ATF Dexron III-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.

Advantages

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

Performance Standards

• GM DEXRON [®] III-H	• Meets Vickers 35VQ25 hydraulic pump test
• Ford MERCON [®] ESP 138CJ, M2C 166-H	• Sundstrands hydraulics
• Allison C-4, Caterpillar TO-2	• Meets Denison HF-1, HF-2 requirements for Hydraulic vane and piston pump

Applications

- Recommended for use in auto transmission systems of passenger cars and light duty trucks requiring Dexron III fluids.
- Where Ford Mercon[®], Type CJ and Type H fluids are recommended
- Heavy duty truck 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
- Recommended for power steering systems specifying a Dexron[®] III or II type fluids
- Some flooded rotary screw and vane compressors

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Bardahl reserves the right to modify or change this product with the purpose of improving its performance characteristics



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Typical Properties

GRADE	Dexron III-H
Appearance	Red
Density, kg/litre@15°C	0.870
Kinematic Viscosity, mm ² /s@40°C	33.7
Kinematic Viscosity, mm ² /s@100°C	7.5
Viscosity Index	180
Pour Point, °C	-42
Flash Point COC, °C	180