



Delo[®] Syn ATF HD

Synthetic Automatic Transmission Fluid

Product Data Sheet

Customer benefits

Extended oil life

Synthetic base fluid and inhibitor package provide outstanding oxidation resistance and thermal stability which prevents acid buildup, oil thickening and deposit formation and can extend oil drain interval up to four times that of conventional ATF.

Smooth operation

Combination of synthetic base fluid, special viscosity index improver and advanced friction modifiers provides excellent lubricating qualities at high and low temperatures; and smooth shifting and efficient power transfer under all service conditions.

Maximizes transmission life

Highly stable viscosity index improver resists break down under high shear conditions found in modern transmissions, maintaining oil viscosity and film thickness to protect moving components. Superior antiwear properties and resistance to sludge formation extend the time to transmission overhaul in severe service conditions.

Minimizes inventory

Effective EP additive, viscosity characteristics and a wide range of manufacturers' approvals allows use in a variety of automotive, industrial and marine applications, reducing risk of misapplication.

Applications

- On-highway heavy-duty automatic transmissions
- Off-highway heavy-duty automatic transmissions
- Car and light truck automatic transmissions
- Power steering units (where the manufacturer recommends DEXRON[®]-III or MERCON[®] fluid)
- Rotary vane and screw type air compressors (where this type of fluid is appropriate)
- Mobile hydraulic systems
- Industrial anti-wear hydraulic systems
- Marine anti-wear hydraulic systems
- Manual transmissions and transaxles (where this type of fluid is appropriate)

Product features:

- Delo[®] Syn ATF HD is a premium performance, multipurpose anti-wear automatic transmission fluid (ATF) formulated in ultra high viscosity index base fluid, with Allison Transmission, Mercedes Benz, Volvo, ZF and Voith Turbo qualifications. Specially designed for heavy duty automatic truck and bus transmissions operating in severe service.
- Delo[®] Syn ATF HD is the new product name of Delo[®] Synthetic Automatic Transmission Fluid Heavy Duty.

Typical key properties

DELO® SYN ATF HD	
Product Code	510404
Color	Red
Pour Point, °C	-45
Viscosity, Kinematic	
mm ² /s @ 40°C	35.3
mm ² /s @ 100°C	7.4
Viscosity, Brookfield	
mPa·s @ -40°C	11,400
Viscosity Index	183
FZG Gear Wear, FLS	12

1506

Performance standards

- MAN 339 Typ V1
- MAN 339 Typ V2, Z2, Z12 (Approved: TUC 0071/15)
- MB-Approval 236.9
- Voith Turbo H55.6335 (Approved: G607)
- Voith Turbo H55.6336 (Approved: G1363)
- Volvo 97341 (Approved: 97341:053)
- ZF TE-ML 03D, 04D, 14B, 16L, 17C, 20B (Approved: ZF001664)

Suitable for use in out of warranty units where the following fluid performance specifications are recommended:

- Allison TES-295, TES-389
- Allison C-4 (obsolete)
- Ford MERCON® (obsolete)
- Ford MERCON® V
- GM DEXRON®-III (obsolete)

ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit: www.CaltexDelo.com.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:
Chevron Lubricants
 – Asia Pacific