

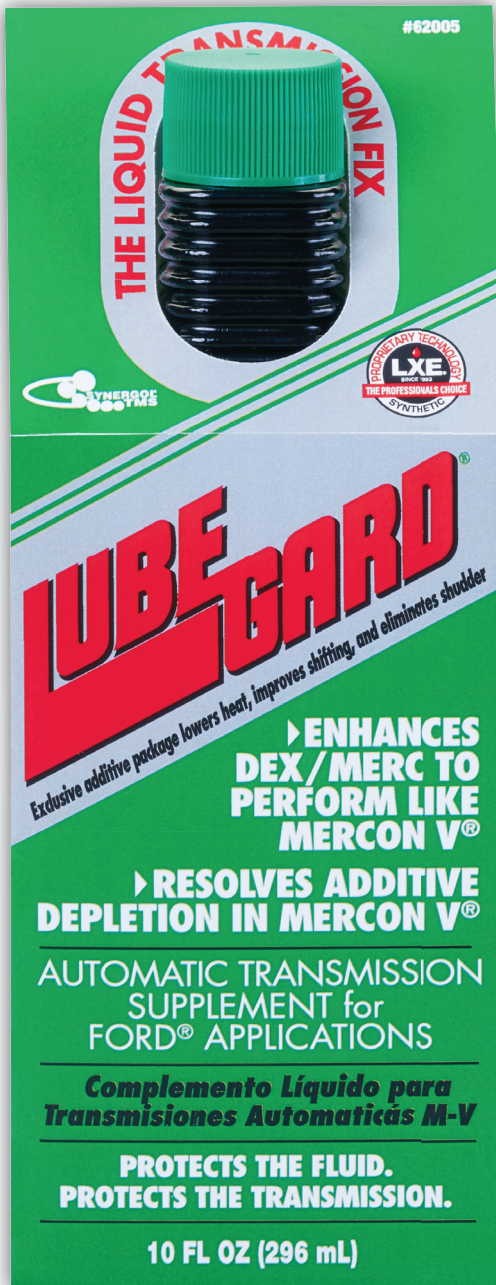


Automatic Transmission Supplement for Ford® Applications

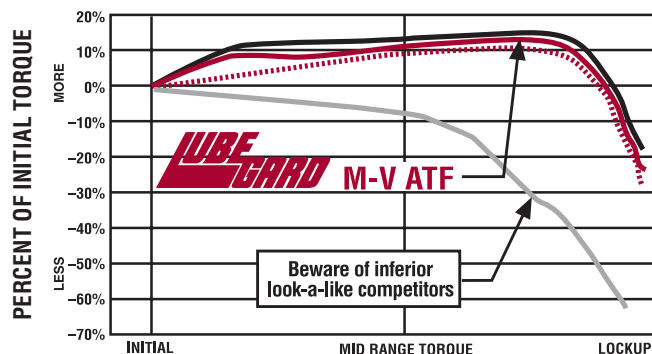
A dual-purpose problem solver that corrects additive depletion problems and converts Dex/Merc ATF to perform like Mercon® V ATF.

LUBEGARD® Automatic Transmission Supplement for Ford® Applications will enhance any Dexron/Mercon® to perform like a Mercon® V. This uniquely engineered formula adds lubricity and maintains proper fluid viscosity of the ATF. It gives the ATF the ability to withstand consistently higher temperatures for today's hotter running transmissions. As a top treat, this product solves the reoccurring problem of additive depletion in Mercon V® ATFs. It effectively eliminates chronic torque converter shudder and clutch chatter. Added to Mercon® V ATF, LUBEGARD® Automatic Transmission Supplement for Ford® Applications will extend the life of the ATF by boosting frictional stability.

- » Eliminates the need to stock Mercon® V ATF.
- » Dramatically reduces friction and tightens the shift cycle without losing the friction modification at lock-up (Figure 1)
- » Prevents overheating and reduces elevated operating temperatures for more efficient automatic transmission performance
- » Only product of its kind that increases the fluids ability to transfer heat
- » Eliminates transmission fluid foaming and oxidation
- » Softens and modifies harsh shifts providing for smoother, quicker shifting



CLUTCH SLIP AFTER ENGAGEMENT WITH VARIOUS TRANSMISSION FLUIDS



THE CHART ABOVE SHOWS:

— DEXRON® III/MERCON® ATF has a lower friction performance during clutch engagement than the less frictionally-modified MERCON® V ATF.

⋯ MERCON® V ATF is a less frictionally-modified fluid and therefore has a larger torque fluctuation top-to-bottom than the DEXRON® III/MERCON® ATF.

— Adding LUBEGARD® M-VATF Supplement to the DEXRON® III/MERCON® ATF actually increases the measured friction of DEXRON® III/MERCON® ATF to make a crisper torque cycle, as seen in the less frictionally modified MERCON® V ATF, while rolling over at lockup to eliminate shudder.

— An inferior look-a-like M-V additive showing drastically reduced torque, actually changing the engagement profile of the clutch, moving it away from MERCON® V or DEXRON® III performance profiles. This could lead to excessive slippage and power loss.

AVAILABILITY

Stock No.	Unit Size	Case Qty
62005	10 oz.	(12/c)

LUBEGARD®

BENEFITS

Lubegard's Automatic Transmission Supplement for Ford® Applications is proven superior in optimizing total transmission performance and extending ATF life.

- » Eliminates clutch chatter and torque converter shudder
- » Keeps valves and governors free and frees stuck valves in valve bodies
- » Superior seal compatibility and conditioning
- » Raises the thermal and oxidative stability of the ATF

LUBEGARD WITH LIQUID WAX ESTERS (LXE)

Liquid Wax Esters (LXE®) are the most important component in our automatic transmission supplement. Liquid wax esters are unique because of their natural lubricity, high viscosity index, and high flash and fire points. They have the ability to not be affected by repeated heating to temperatures as high as 570°F. They give automatic transmission fluid the extra lubricity needed because of a transmission's unique frictional requirements. They also improve heat conductivity, suppress foaming and, consequently, reduce transmission operating temperature. The patented technology found in this product is a direct replacement for sperm whale oil used extensively in automatic transmission fluids before the enactment of the Endangered Species Act of 1972.

BASE OILS

The base oils in Lubegard's Automatic Transmission Supplement for Ford® Applications consist of high viscosity index petroleum base stocks with excellent heat resistance. Added to this material is polyalphaolefin synthetic fluid which also has excellent heat resistance, a high viscosity index, a low pour point, and a high flash point. These base oils give our additive the approximate viscosity of an automatic transmission fluid. No viscosity index improvers are used. These products are undesirable due to their tendency to shear and lose viscosity when exposed to extended use in an automatic transmission.

SUPERIOR PERFORMING ATF

The combination of these components provides excellent lubrication, reduced operating temperatures where overheating is a problem, and allows transmissions to operate at their optimum. Overheating is considered to be the #1 cause of transmission failure. Experts have reported that for each 10°F drop in fluid temperature, the life of the transmission fluid is doubled. For every 20°F reduction in fluid temperature, you double the life of the transmission. Although the optimum temperature range is considered to be 150 to 190°F, it is a well known fact that front-wheel drive transmissions may operate at temperatures as high as 225 to 250°F. Only LUBEGARD helps to dramatically prevent overheating, reducing elevated operating temperatures up to 40°F!

TYPICAL TECHNICAL PROPERTIES:

Viscosity at 40° C	60 cSt
Viscosity at 100° C	10 cSt
Flashpoint (COC)	>400°F
Pour Point	<-5°F
Viscosity Index	>140
Gravity, API	24



SAVES TIME, SPACE & MONEY!



Car and Truck Makes

Manufacturer's ATF

FORD

LINCOLN

MERCURY

MAZDA

**And all other makes
that require
MERCON®V ATF**

MERCON®V