



## MERCON®V ATF

MERCON®V ATF is a premium quality, synthetic blend transmission fluid approved for use in passenger car and light truck automatic transmissions that require a Ford MERCON®V fluid. It is back serviceable for use in 2006 and earlier model-year Ford vehicles where the OEM previously specified MERCON® fluid, and also may be used in most 2005 and earlier model-year GM automatic transmissions.

MERCON®V ATF is formulated to provide improved antiwear and anti-shudder performance compared with previous-generation fluids, as well as better low-temperature properties. It is highly shear stable and has excellent oxidation resistance for long fluid life. The part-synthetic formulation provides enhanced performance benefits compared with conventional, all-mineral transmission fluids.

### **Applications**

- Ford automatic transmissions where a MERCON®V fluid or earlier-generation MERCON® fluid (obsolete) is specified
- GM automatic transmissions in 2005 and earlier vehicles, except those that require a DEXRON®-VI fluid for warranty coverage, or a Type T-IV or CVT fluid
- Heavy-duty automatic and powershift transmissions in trucks and buses
- Power steering systems in many newer Ford vehicles
- Hydraulic systems on industrial and mobile equipment operating over a wide temperature range

MERCON®V ATF is OEM-approved for service fill in the following applications:

- Ford MERCON®V (License Nos. M5091001, M5091002, M5091003, M5091004, M5091005)
- Voith DIWA transmissions

MERCON®V ATF is recommended for service fill in the following applications:

- Allison automatic transmissions in off-highway applications where a C-4 quality fluid is specified
- ZF Ecomat transmissions

**Ford MERCON®V  
Automatic  
Transmission Fluid**

### **Contact Information**

**U.S. Customer  
Service:  
1-800-822-6457**

**Technical Hot Line:  
1-877-445-9198**

**International  
Customer Service:  
+1-832-486-3363**

**E-mail address:  
lubricants@  
phillips66.com**



**Note:** MERCON®V ATF is **not** recommended for use in Ford automatic transmissions that require a MERCON®LV, MERCON®SP, Type F or CVT fluid.

### Features/Benefits

- Proper frictional properties for smooth shifting and excellent anti-shudder performance
- Excellent oxidation resistance and thermal stability for long fluid life
- Protects against sludge and varnish formation
- Protects against wear
- High shear stability
- Protects against rust and corrosion
- Excellent low-temperature properties for easier shifting in cold weather
- Good seal compatibility
- Good foam resistance

### MERCON®V ATF

#### Typical Properties

Specific Gravity @ 60°F	0.857
Density, lbs/gal @ 60°F	7.14
Color, Visual	Red
Flash Point (COC), °C (°F)	196 (385)
Pour Point, °C (°F)	<-45 (<-49)
Viscosity, Brookfield	
cP @ -40°C	10,200
Viscosity, Kinematic	
cSt @ 40°C	34.0
cSt @ 100°C	7.6
Viscosity Index	202
Zinc, wt %	<0.001

### Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3apps.phillips66.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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