

# AUTOMATIC TRANSMISSION FLUID

## Performance Standard: DEX III

### Product Description





AUTOMATIC TRANSMISSION FLUID DEX - III is a multipurpose automatic transmission and power steering fluid designed to meet the lubrication of torque converters, transmission gear and hydraulic system used in passenger cars, light trucks and heavy vehicle. DEX - III is low viscosity red dyed oil which performs to the exceptionally high technical standards needed to meet the wide range of lubrication requirements found in transmission system

### Customer Benefits

This significantly increases the need for high performance lubricants. Current tighter engine designs reduce oil consumption, resulting in less fresh oil makeup to replenish depleted additives. Top piston rings are located higher, bringing the oil film closer to the combustion chamber and exposing the lubricant to severe thermal stresses. It maintains outstanding performance at high temperatures. It is also fully compatible with conventional oils. The key benefits include:

Features	Advantages and Potential Benefits
Thermal Stability and Oxidation/Nitration Control	Extended Drain Interval Capability
Advanced Wear Protection	Helps Towards Long Engine Life
Effective Detergency/Dispersancy	Engine Cleanliness
Optimized Ash Level	Helps Protect Against Excessive Valve Recession and Spark Plug Fouling
Shear Stability	Engine Durability

### Performance Levels:

 General Motors	DEX III
 Ford	ESP-M2C 138 CJ/166H
 Caterpillar	TO-2
 Allison	C4

## TYPICAL PROPERTIES:

SI No	Test	Method	Unit	Results
1	Appearance	Visual	-	Clear & Bright
2	*Flash Point	ASTM D92-12a	°C	<200
3	*Pour Point	ASTM D97-17a	°C	-30
4	Viscosity, Kinematic @ 40°C	ASTM D445-12	mm <sup>2</sup> /s	49.99
5	Viscosity, Kinematic @ 100°C	ASTM D445-12	mm <sup>2</sup> /s	8.5
6	Viscosity Index	ASTM D2270-10	-	151
7	Density @ 15°C	ASTM D4052-11	g/ml	0.883

(\*\*The features mentioned above are average values obtained with some variability in production and do not constitute a specification)

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed.