



YOKOHAMA / DEXRON ATF DIII

SEMI-SYNTHETIC AUTOMATIC TRANSMISSION FLUID

PRODUCT DESCRIPTION

YOKOHAMA DEXRON ATF DIII is a semi-synthetic automatic transmission fluid formulated for DEXRON III and MERCON-type automatic transmissions. Its balanced friction response promotes controlled clutch operation and smooth gear shifting. The formulation is designed to help preserve oil-film continuity over changing temperatures and to control oxidation, wear, foam and corrosion in transmission assemblies.

APPLICATIONS

For compatible passenger and commercial vehicle automatic gearboxes requiring DEXRON III-G, DEXRON III-H or Ford MERCON performance levels. Also suitable for consideration in torque converters, power-steering systems and hydraulic units designed for the same ATF type. Construction equipment, manual transmissions and earlier DEXRON II-D duties require application-specific fluid compatibility.

PERFORMANCE SPECIFICATIONS

GENERAL MOTORS DEXRON III-G / III-H / II-D	FORD MERCON
ALLISON C-4	MAN 339 TYPE V1 / Z1
MERCEDES-BENZ MB 236.5 / 236.6 / 236.7 / 236.8 / 236.9	DAIMLER TRUCK DTFR 13C140 / 13C150 / 13C170
VOLVO 97325 / 97335 / 97337 / 97340 / 97341	VOITH H55.6335.xx
ZF TE-ML 03D / 04D / 05L / 09 / 11B	ZF TE-ML 14A / 17C / 21L

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	TYPICAL VALUE
Kinematic Viscosity at 40°C	ASTM D445 / ISO 3104	33.60 mm²/s
Kinematic Viscosity at 100°C	ASTM D445 / ISO 3104	7.17 mm²/s
Viscosity Index	ASTM D2270 / ISO 2909	175.33
Density at 15°C	ASTM D4052 / ISO 12185	861.0 kg/m³
Flash Point (COC)	ASTM D92 / ISO 2592	192.67°C
Pour Point	ASTM D97 / ISO 3016	-48.00°C
Brookfield Viscosity at -40°C	ASTM D2983	16,350 mPa·s

Note: The values shown in this table are typical values and do not constitute product specifications. Minor variations may occur between production batches due to normal manufacturing tolerances.