



YOKOHAMA / DEXRON ATF III-H

SEMI-SYNTHETIC AUTOMATIC TRANSMISSION FLUID

PRODUCT DESCRIPTION

YOKOHAMA DEXRON ATF III-H is a semi-synthetic ATF intended for transmissions using DEXRON III-family or MERCON-type fluids. Balanced frictional properties assist controlled clutch engagement and smooth shifting. Its lubrication characteristics help protect gears and bearings as temperatures change, while oxidation, deposit, corrosion and foam control support consistent operation of the hydraulic system.

APPLICATIONS

For stepped automatic transmissions in passenger and commercial vehicles requiring DEXRON III-H, III-G, III-F, II-E, II-D, II or Ford MERCON-type fluids. May be considered for power-steering systems, torque converters and hydraulic units designed for matching ATF requirements. Manual transmission applications require explicit fluid-category compatibility.

PERFORMANCE SPECIFICATIONS

GENERAL MOTORS DEXRON III-H / III-G / III-F / II-E / II-D / II	FORD MERCON
CATERPILLAR TO-2	VOLVO 97340
ZF TE-ML 09	ZF TE-ML 21L

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	TYPICAL VALUE
Kinematic Viscosity at 40°C	ASTM D445 / ISO 3104	33.60 mm ² /s
Kinematic Viscosity at 100°C	ASTM D445 / ISO 3104	7.17 mm ² /s
Viscosity Index	ASTM D2270 / ISO 2909	175.33
Density at 15°C	ASTM D4052 / ISO 12185	861.0 kg/m ³
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.