



DESCRIPTION

Doxa Synthetic Manual Transmission Fluid HD 50 is a heavy duty truck synthetic manual transmission fluid specially formulated for extended drain and severe service and recommended for factory and service fill of heavy duty manual transmissions, such as those manufactured by Eaton and Mack. Doxa Transmission Fluid SAE 50 can help operators reduce maintenance costs and increase productivity.

APPLICATION

- Heavy-duty manual transmissions where extended service intervals and warranties are required
- On-highway, commercial light and heavy duty trucking, buses, and vans
- Off-highway industries including construction, mining, and agriculture

BENEFITS

- Extended drain capabilities
- Excellent thermal and oxidation stability
- High viscosity index and low pour point
- Protection against gear wear and copper corrosion

PERFORMANCE LEVEL

API GL 4, MT 1

PRODUCT CHARACTERISTICS

METHOD	TEST	RESULT	UNITS
SAE GRADE		SAE 50	
ASTM D-1298	Specific Gravity	0.845	gm/ml
ASTM D-445	Kinematic Viscosity @ 104°F / 40°C	110 - 125	mm ² /s
ASTM D-445	Kinematic Viscosity @ 212°F / 100°C	18 - 19	mm ² /s
ASTM D-2270	Viscosity Index	min 165	-
ASTM D-92	Corrected Flash Point	220	°C
ASTM D-97	Pour Point	-33	°C