



HEAVY DUTY TRUCK TRANSMISSION FLUID

AUTOMATIC TRANSMISSION PRODUCTS

Heavy duty truck transmissions have evolved dramatically, requiring highly specialized fluids for unique applications. One brand has evolved right alongside – Volotec. Only the most advanced transmission fluids meet the difficult challenges of effectively balancing performance, strength and durability.

PERFORMANCE

Delivers superior friction stability to maintain smooth, consistent shifting and reduce shudder

STRENGTH

Provides a strong fluid film to prevent metal-to-metal contact between rotating parts to prevent wear

DURABILITY

Resists thickening due to high operating temperatures

POWERFUL CHEMISTRY AND PERFORMANCE

Volotec helps optimize the friction, torque and function of your equipment to optimize performance and longevity.

TYPICAL PROPERTIES

Viscosity Grade		Full Syn HD 50	Full Syn HD ATF
Brookfield Viscosity at -40°C, cP	ASTM D2983	124,000	8,000
Color	ASTM D1500	1.5	Red
Flash Point °C	ASTM D92	218	220
Flash Point °F	ASTM D92	424	428
Gravity, °API	ASTM D287	30.12	35.42
Pour Point °C (°F)	ASTM D5950	-51°C (-60°F)	-51°C (-60°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8755	0.8477
Viscosity @ 100°C cSt	ASTM D445	18.01	7.349
Viscosity @ 40°C cSt	ASTM D445	122.2	34.81
Viscosity Index	ASTM D2270	164	184

INDUSTRY/OEM APPROVALS

Title	Full Syn HD 50	Full Syn HD ATF
API GL-1 and MT-1	Suitable for Use	-
Mack TO-A Plus	Suitable for Use	-
Meritor O-81	Suitable for Use	-
Navistar/International TMS 6816	Suitable for Use	-
Volvo I-Shift	Suitable for Use	-
ZF Freedomline	Suitable for Use	-

Allison TES-295

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Volotec Recommends this product for use in applications calling for this specification

Allison TES-389

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Volotec Recommends this product for use in applications calling for this specification

Information accurate as of October 10, 2024