

SYNGARD™ Transmission Fluid E-386

SYNGARD™ Transmission Fluid E-386 is selectively engineered for heavy duty manual transmissions operating in severe service applications (improved temperature extremes performance, extended drain intervals, critical unit protection, etc.), and it is approved for use where Eaton PS-386/PS-164 Rev. 7 is required.

SYNGARD™ Transmission Fluid E-386 is a blend of premium synthetic base stocks and high-quality additives to meet the challenging demands of manual higher torque transmissions coupled with increased horsepower engines in modern equipment. It is approved for use in Eaton transmissions such as Fuller Advantage, UltraShift PLUS, FR and RT Series transmissions. This fluid supersedes and is fully compatible with Eaton PS-164 revision 7 fluids.

Specifications and Approvals

SynGard Transmission Fluid E-386*
API MT-1
Eaton PS-386 (PS-164 Rev 7) <i>Approved</i>
Arvin Meritor 0-81 <i>Approved</i>
Navistar TMS 6816 / MPAPS B-6816 Type II
Mack Truck TO-A-PLUS <i>Approved</i>
ZF TE-ML 02L
Volvo Transmission 97305

*Check owners' manual before use.

Applications

SynGard Transmission Fluid E-386 is specially designed for heavy duty manual transmissions operating in severe service applications.

Features and Benefits

Improved cold weather shift ability and quicker lubrication of transmission components.

Designed for excellent shear stability and fuel economy improvement.

Longer seal life due to fewer deposits and better seal compatibility.

Synthetic base stock provides excellent thermal stability and component deposit control.

Exceptional high and low temperature performance.

Component deposit and wear control lead to longer transmission and lubricant service life.

Operational benefits such as the potential for fuel economy and reduced downtime maintenance.

Supports up to 300,000 Kms drain interval in Eaton transmissions with oil analysis program.

Suitable for use where the following are called for: Navistar MPAPS B-6816 Type II, Mack TO-A Plus, Eaton Transmission Division PS-164 REV 7, and API MT-1.

PRODUCT INFORMATION



Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvoline.com.au or contact the Technical Hotline on 1800 804 658 for product recommendations.

Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

SynGard Transmission Fluid E-386	Typical
Viscosity @ 100 °C, mm ² /s, ASTM D445	15.20
Viscosity @ 40 °C, mm ² /s, ASTM D445	97.90
Viscosity Index, ASTM D2270	164
Density @ 15 °C, kg/L, ASTM D4052	0.8510
Flash Point (COC), °C, ASTM D92	236
Pour Point, °C, ASTM D5950	-42
Brookfield Viscosity, cP, ASTM D2983	104000
Foaming Test, ASTM D892	Pass
Copper Corrosion, ASTM D130	Pass
FTZ Stages for pass	10

Note: SynGard Transmission Fluid E-386 may be unsuitable for use in some applications, always consult owners' manual if in doubt.

This information only applies to products manufactured in the following location(s): Australia

Part Number	Pack Size
1382.20	20L
1382.51	205L
1382IBC	IBC

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website www.valvoline.com.au

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60 °C, exposed to hot sun or freezing conditions.

Author:

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