

Valvoline™ Syn Gard™ ATF ES

Valvoline™ Syn Gard™ ATF ES is specifically formulated for today's technologically sophisticated heavy-duty automatic transmissions. It is formulated with premium synthetic base stocks, long-life friction modifiers, special anti-wear additives, and shear stable viscosity modifiers, among other performance additives, to help provide excellent thermal protection, low temperature flow, anti-wear performance and shear stability. SYN GARD™ ATF ES is approved for 120,000 km drain interval per Voith H55.6336.33 and is recommended for use in modern trucks, buses and utility vehicles requiring Allison TES-295* fluids.

*Note: this fluid is not approved by Allison for this specification.

Specifications and Approvals

Syn Gard™ ATF ES*
Allison TES 295
Allison C-4
Dexron® IIIH and IIIG
Mercon V®
MAN 339 F, MAN 339 V1 and V2 MAN 339 Z1, Z2
DTFR 13C170 (formerly MB 236.9)
Volvo 97341
Voith H55.6335.33(G607)
Voith H55.6336.33(G1363) <i>Approved</i>
ZF TE-ML 03D, 04D, 14B, 17C, 20B, 25B <i>Approved</i>
John Deere Articulated Dump Truck (ADTs)

*Check owners' manual before use

Applications:

Syn Gard™ ATF ES is approved for 120,000 km drain interval per Voith H55.6336.

Suitable for use in a large range of heavy-duty automatic transmissions available in today's market.

Syn Gard™ ATF ES is suitable for use in modern trucks, buses and utility vehicles requiring Allison TES-295.

Note: this fluid is not approved by Allison for this specification.

Features and Benefits

Superior Protection

Through use of synthetic base oil technology, Syn Gard™ ATF ES fights the three major causes of transmission failure - heat, deposits and wear.

Cold start properties

Provides excellent flow properties at low temperatures resulting in smooth power transfer and gear changes.

Wear protection

Excellent wear protection enhances transmission life and shift consistency.

Smooth operation

Smooth power transfer performance and maintains smooth shifting longer than conventional automatic fluids.

Component protection

Reduced varnish formation and wear resulting in improved transmission life.

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.

Syn Gard™ ATF ES	Typical
Viscosity @ 100 °C, mm ² /s, ASTM D445	7.4
Viscosity @ 40 °C, mm ² /s, ASTM D445	35
Viscosity Index, ASTM D2270	185
Density @ 15 °C, kg/L, ASTM D4052	0.8470
Pour Point, °C, ASTM D5950	-48
Brookfield @ -40 °C, cP, ASTM 2983	10,500
Flash Point, COC, °C, ASTM D92	220
Colour, Visual	Red

Note: Valvoline™ Syn Gard™ ATF ES may be unsuitable for use in some transmissions, always consult owners' manual if in doubt.

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

Part Number	Pack Size
1415.20	20L
1415.28	208L
1415IBC	1000L

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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Replaces - 1415/02