

SynGear 75W-140

SynGear 75W-140 is a Full Synthetic gear oil, meeting API GL-5 for use in gear boxes, differentials (with or without Limited Slip) and transfer case boxes in mid, light and heavy-duty passenger applications. Also designed be used in gear boxes for race applications.

SynGear 75W-140 is formulated using combination of **PAO and Ester base** stocks with selected high-performance additives providing maximum protection. This unique formulation has high viscosity index, an exceptionally low pour point, improved thermal stability and a higher flash point.

SynGear 75W-140 contains extreme pressure additives, as well as rust, oxidation, friction modifiers and corrosion inhibitors to protect gears, bearings and clutch packs operated under a wide variety of load conditions. The high and low temperature performance of this product exceeds those of conventional SAE 140, 80W-140 and 85W-140 hypoid gear lubricants.

SynGear 75W-140 helps to reduce transmission noise, increases gear and bearing life, and makes gear changing smoother. It has superior viscosity characteristics compared to conventional SAE 80W-140 and offers easy gear shift in cold temperatures.

Specifications and Approvals

SynGear 75W-140*
API GI-5
API MT-1
MACK GO-J
MIL-PRF-2105D
SAE J2360

*Check owners' manual before use.

Applications

Suitable for gear boxes, differentials (with or without Limited Slip) and transfer case boxes operating in mid, light and heavy-duty passenger vehicles where API GL-5 grade is recommended.

Can be used in race applications where SAE 75W-140 with high shear strength, better thermal stability and higher friction property oils are required.

Please consult the owners' manual before use.

Features and Benefits

Superior Protection

These extreme pressure (EP) lubricants result in longer gear life by providing extremely high film strength and superior low temperature performance. They also have anti-rust and anti-corrosion properties to further promote extended gear and bearing life.

Limited Slip Properties

Balanced friction characteristics for effective operation of limited slip differentials throughout the drain interval.

Longer Drain Capable

SynGear 75W-140 provides excellent performance over a broad temperature range. Furthermore, SynGear 75W-140 resists oxidation, it will last significantly longer than conventional gear oils.

Reduced Maintenance

SynGear 75W-140 Synthetic Gear Oil translate directly into reduced maintenance and less downtime. Advanced Extreme Pressure additives ensures excellent wear protection and enhances component life.

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.

SynGear 75W-140	Typical
SAE Viscosity Grade	75W-140
Viscosity @ 100 °C, mm ² /s, ASTM D445	26.03
Viscosity @ 40 °C, mm ² /s, ASTM D445	169.6
Viscosity Index, ASTM D2270	189
Density @ 15 °C, kg/L, ASTM D4052	0.8574
Flash Point (COC), °C, ASTM D92	260
Pour Point, °C, ASTM D5950	-30

Note: SynGear 75W-140 gear oil 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
1220.01	1L
1220.20	20L
1220.51	205L

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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