

## Valvoline™ Syn Gard™ SAE 80W-140 Gear Oil

Valvoline™ Syn Gard™ SAE 80W-140 Gear Oil is specially formulated for heavy duty manual transmissions, differentials, and transfer cases operating in severe service applications (temperature extremes, extended drain intervals, etc.) and requiring an extreme pressure API GL-5 gear lubricant. It is engineered from premium synthetic base stocks with additive chemistry to provide extended protection from wear, rust, corrosion, heat and oxidation. It meets a broad range of OEM specifications/requirements.

Valvoline™ Syn Gard™ SAE 80W-140 Gear Oil contains extreme pressure additives, as well as rust, oxidation and corrosion inhibitors to protect gears and bearings operated under a wide variety of load conditions. The high and low temperature performance of this product exceeds those of conventional SAE 140 & SAE 85W-140 hypoid gear lubricants.

### Specifications and Approvals

Valvoline™ Syn Gard™ SAE 80W-140 Gear Oil *
API GL-5
API MT-1
DANA SHEAS-429 Rev A
Eaton Axle Div. PS-037/163/109
Eaton Extended Warranty Coverage
GE D50E9C
Mack GO-H/S, GO-J
Meritor 0-76-E&N, 0-76-B & 0-80 & 0-95
MIL-PRF-2105E
Navistar MPAPS B-6821

\*Check owners' manual before use.

### Applications

Valvoline™ Syn Gard™ SAE 80W-140 Gear Oil is specially formulated for heavy duty manual transmissions, differentials and transfer cases operating under severe service applications (extreme temperatures, extended drain intervals etc.) and requiring an extreme pressure API GL-5 gear lubricant.

Extended warranty coverage capable for Eaton

### 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.

#### **Long Drain Capable**

Extended drain, all-season lubrication – with extremely low channel points high viscosity indices, this lubricant provides

excellent performance over broad temperature range. Further, since it resists oxidation, it will last significantly longer than conventional gear oils.

#### **Reduced Maintenance**

Extreme Pressure additives ensures excellent wear protection and enhances component life, translate directly into reduced maintenance and less downtime.

# 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](http://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.

Valvoline™ Syn Gard™ SAE 80W-140 Gear Oil	Typical
SAE Viscosity Grade	80W-140
Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445	30.6
Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445	284
Viscosity Index, ASTM D2270	146
Density @ 15 °C, kg/L, ASTM D4052	0.91
Pour Point, °C, ASTM D5950	<-40
Brookfield Viscosity, cP	75,000 (-26 C)
Foaming Test, ASTM D892	Pass
Copper Strip Corrosion, ASTM D130	Pass
FZG, stages for pass	12

**Note:** Valvoline™ Syn Gard™ SAE 80W-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
1461.20	20L
1461.28	208L

## 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](http://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:

VP - Effective 14-12-2023  
Replaces - 1461/New