Lubricants – Industrial oils

Version: **EEE/139**

Valvoline™ EPG S68

Synthetic industrial gear oil formulated for industrial gearboxes and reduction gears.

Valvoline E.P.G. S oils provides outstanding protection and lubrication under heavy loads and running conditions at both low and high temperatures. Compared to mineral based oils the E.P.G-Synthetic line has a high viscosity index, increased wear and rust protection and excellent anti-oxidation properties. Valvoline E.P.G S oils have excellent FZG micro pitting properties.

Performance levels
AIST 224 (U. S. Steel 224)
AGMA 9005-E02
DIN 51517 (parte 3)
ISO 12925-1

Applications

Suitable for the lubrication of enclosed gear units and closed worm gearboxes operating in conditions of high and impact loads and at elevated or lower operating temperatures.

It is applied in circulating lubrication systems for gears, sliding and roller bearings.

Suitable for industrial gearboxes and reduction gears in factories and other workplaces. Oil bath lubrication, and circulation systems. Shock loaded gearsets. General machine lubrication. Concrete mixing machines. Agricultural equipment. Marine deck machinery.

Features & Benefits

Enduring high pressures.

Excellent antiwear properties enable efficient lubrication.

High viscosity index and low pour point increase the temperature range of the application.

Good antifoaming properties.

Good demulsibility properties. It is easy to drain the water from the lubrication system.

Neutrality towards standard elastomers used as sealing materials.

Benefits

Reduced volatility - mineral oil based lubricants, especially at high operating temperatures, tend to evaporate, viscosity increases and the product becomes cloudy. The use of synthetic oils greatly eliminates these problems.Good thermal stability at high temperatures and pressures prolong the service life of the oil and the system. Good protection against corrosion and rust, it protects steel components even in the presence of water.

Compatible with gear oil produced from mineral oil

Valvoline EPG S68 oil are compatible with gear oils produced from mineral oil. When mixing with mineral gear oil, the performance of Valvoline EPG S68 oil is reduced. When switching from mineral gear oil to Valvoline EPG S68 oil, it is recommended to thoroughly clean the system to obtain the maximum positive effect of using Valvoline EPG S68 oil.

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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; 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 **https://www.valvolineglobal.com/en-eur/** or **http://pisheets.valvolineglobal.com**

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 EPG S68	
Viscosity, mm^2/s @ 100°C ASTM D-445	11.0
Viscosity, mm^2/s @ 40°C ASTM D-445	68.0
Viscosity Index ASTM D-2270	150
Pour Point, °C ASTM D-97	-45
Specific Gravity @ 15.6°C ASTM D-1298	0,880
Flash Point, COC, °C ASTM D-92	240
Steel corrosion ISO 7120	without
Foaming, ml/ml ISO 6247 Sequence I: 24°C Sequence II: 93.5°C Sequence III : 24°C after 93.5°C	 ≤ 50/0 ≤ 50/0 ≤ 50/0

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

Ellis Enterprises East doo Kruševac,
Affiliate of Valvoline Global Operations
Mike Stojanovića 15, 37000 Kruševac, Serbia
Registarski broj: 21368997 / TIN: 110618744

Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet **http://sds.valvolineglobal.com**

Protect the environment

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

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.

Replaces – EEE/138

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