Lubricants – Industrial oils

Version: **451-01**

Valvoline™ E.P.G. S320 Extreme Pressure Gear Oil

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 Part 3
ISO VG 320
ISO 12925-1

Applications

Oil bath lubrication, and circulation systems
Shock loaded gearsets
Elevators
General machine lubrication
Mining and construction
Concrete mixing machines
Agricultural equipment
Marine deck machinery

Can be used in gearboxes containing copper or bronze.

Available in 68, 100, 150, 220, 460, 680.

Features & Benefits

Superior performance
The Valvoline E.P.G. Synthetic product line is formulated with synthetic base oils and specially selected additives to guarantee a low pour point, excellent oxidation stability and good flow characteristics.

Superior protection
The Valvoline E.P.G. Synthetic product line has a high load-carrying capacity and provide good protection against wear, corrosion, and oxidation.

Consistent viscosity
Good viscosity-temperature properties at high and low temperatures. Stable viscosity over a long period.

Severe working conditions
Valvoline E.P.G. Synthetic product line can even be used in unfavorable working conditions, like concrete mixing or mining. The product can handle shock loads and moist conditions.

VALVOLINE EUROPE
WIELDRECHTSEWEG 39
3316 BG DORDRECHT
NETHERLANDS

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; 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.valvolineeurope.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.

E.P.G. S320	
Colour, ASTM D-1500	L1,0
Viscosity, mm^2/s @ 100 ºC. ASTM D-445	37
Viscosity, mm^2/s @ 40 ºC. ASTM D-445	320
Viscosity Index ASTM D-2270	166
TAN; mg KOH/g ASTM D-664	0,6
Pour Point, ºC ASTM D-5949	-33
Specific Gravity @ 15.6°C. ASTM D-4052	0,892
Flash Point, COC, ºC. ASTM D-92	218

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

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.valvoline.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 –

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