

Product Information

A PRODUCT OF VALVOLINE, A DIVISION OF ASHLAND INC.



Valvoline® AGMA EP Gear Oils

Valvoline AGMA EP Gear Oils are premium extreme pressure gear compounds designed to meet the heavy-duty demands of a variety of industrial gear applications including those operating under such severe conditions as critical sliding velocities and shock loading that may occur under certain loading situations. They are formulated from high quality base oils with an appropriate additive package to provide the best combination of performance properties, such as extreme pressure and oxidation resistance, required in difficult industrial applications.

Valvoline AGMA EP Gear Oils are recommended wherever U.S. Steel 224 & AGMA 250.04 specifications are required. They may be used for the lubrication of industrial enclosed bearings and in industrial and mining applications with helical, herringbone, bevel and spur gears. These oils exhibit high Timken OK loads and excellent results on the FZG and Four Ball Wear Test.

Typical Properties	EP2	EP3	EP4	EP5	EP6	EP7	EP8	EP9
	ISO 68 AGMA 2EP	ISO 100 AGMA 3EP	ISO 150 AGMA 4EP	ISO 220 AGMA 5EP	ISO 320 AGMA 6EP	ISO 460 AGMA 7EP	ISO 680 AGMA 8EP	ISO 1000 AGMA 8AEP
Viscosity @ 40° C, cSt	68	101	147	211	311	433	718	1004
Viscosity @ 100° C, cSt	8.5	11.1	14.3	18.5	23.6	29.6	37.6	44.5
Viscosity Index	94	92	94	97	95	96	87	82
Pour Point, °C	-12	-12	-12	-9	-9	-6	-6	0
Timken OK Load, Lbs.	60	60	60	60	60	60	60	60
FZG, Pass Stages	12	12	12	12	12	12	12	12
Four Ball Wear	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
Four Ball EP, Weld Point, KG	250	250	250	250	250	250	250	250
Four Ball EP, LWI KG	45	45	45	45	45	45	45	45
Rust Test, Distilled Water	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Rust Test Sea Water	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Copper Corrosion Rating	1B	1B	1B	1B	1B	1B	1B	1B
Part Numbers								
Bulk	VV700020	VV700060	VV700100	VV700140	VV700180	VV700220	VV700340	
55 Gallon Drum	VV70002	VV70006	VV70010	VV70014	VV70018			
5 Gallon Pail			VV70012	VV70016		VV70024	VV70034	

Refer to Valvoline Inc.'s Material Safety Data Sheet for health and safety information.

This information only applies to products manufactured in the following location(s): USA, Canada.

Effective Date:	Expiration Date:	Replaces:	Author's Initials:	Code
09/26/2007	N/A	07/05/2001	JH	PI 0701

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