

E.P. GEAR LUBRICANTS

Rock Valley EP Gear Lubricants are advanced-formula products intended for severe industrial applications. They are high-quality base stocks fortified with extreme pressure additives which meet the performance requirements of U.S. Steel 224 and AGMA 250.04 specifications. The EP Gear Lubricants are fortified with rust, oxidation and foam inhibitors without the use of lead.

Rock Valley EP Gear Lubricants are designed to provide excellent load-carrying properties for:

Heavily loaded gear drives such as worm, helical, herringbone, spiral bevel and spur gears, plain and anti-friction bearings.

They have excellent oxidation resistance, rust and corrosion prevention, antifoam and demulsibility properties.

TYPICAL PROPERTIES:	S-68	S-100	S-150	S-220	S-320	S-460	S-680	S-1000
Viscosity, cSt @ 40°C:	69	100	150	220	320	460	680	1000
Viscosity, cSt @ 100°C:	8.8	11.26	14.11	19.02	24.3	29.1	36.7	40.0
Viscosity Index, Minimum:	95	90	90	90	90	90	88	65
API Gravity @ 60°F:	29.8	29.5	28.3	27.0	26.3	25.7	25.7	23.5
Pour Point, °F:	-20	-12	-5	0	5	10	15	25
Flash Point, COC, °F:	>400	>400	>400	>405	>435	>520	>530	>550
Rust Test, Procedure A&B:	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Copper Corrosion @ 100°C:	1A	1A	1A	1A	1A	1A	1A	1A
Oxidation Characteristics: Increase in Viscosity Percent Maximum	6	6	6	6	6	6	6	6
FZG Machine, Stage 12:	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Demulsibility Characteristics:	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Extreme Pressure Timken OK Load, lbs.	65	65	65	65	65	65	65	65
Foaming Characteristics, ASTM D-892, Maximum Sequence I After Blowing:	75/5	75/5	75/5	75/5	75/5	75/5	75/5	75/5
Sequence II After 10 Min.:	50/5	50/5	50/5	50/5	50/5	50/5	50/5	50/5
Sequence III:	75/5	75/5	75/5	75/5	75/5	75/5	75/5	75/5

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Product Data Sheet

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