

# S-OIL GEAR OIL

## HIGH PERFORMANCE INDUSTRIAL GEAR OIL

### Product Description

S-OIL GEAR LUBE is a new type of gear oil specially developed to save energy and prevent pitting. It is suitable for use under almost all operating conditions including high load, impact load and frequent exposure to wear.

### Applications

- Recommended for all types of industrial equipment in mild load EP condition

### Features and Potential Benefits

- Excellent thermal and oxidation stability to prevent downtime or troubles
- Exceptional EP and anti-wear properties
- Good separation between water and lubricants
- Improved fluidity in cold condition helps efficient operation in any weather condition

### Performance Level

- US Steel 224
- DIN 51517 Part 3
- AGMA 9005-E02
- David Brown S1.53.101
- Fives Cincinnati Gear Oils
- ISO 12925-1 CKC/CKD

### Typical Properties

Test Items	Method	Unit	100	150	220	320	460	
Specific Gravity	ASTM D1298	-	0.8837	0.8872	0.8902	0.8931	0.8957	
Color	ASTM D1500	-	L1.0	L1.0	L1.0	L1.0	L1.0	
Viscosity	40°C	ASTM D445	cSt	100.1	150.3	218.9	316.6	456.9
	100°C	ASTM D445	cSt	11.62	15.08	19.22	24.26	30.53
Viscosity Index	ASTM D2270	-	104	100	100	97	96	
Flash Point	ASTM D92	°C	260	268	264	260	306	
Pour Point	ASTM D97	°C	-25	-19	-17	-16	-15	
FZG Load Stage	ASTM D5182	-	12+	12+	12+	12+	12+	

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This lubricant used recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet is obtainable via your commercial adviser.