

H.S.T.N: 34039900 REF: MKT.PDS.106 REV: 1

VICKERLUBE SYNGEAR RANGE



DESCRIPTION

VICKERLUBE SYNGEAR is a range of high-performance gear oils formulated to give outstanding extreme pressure (EP) and load carrying capability. The range has been designed for use in all types of enclosed gears including heavily loaded / shock-loaded gears and bearings. The use of synthetic base oils provides an inherently high Viscosity Index (VI) and low pour point making these products suitable for use over a wide temperature range.

APPLICATIONS

VICKERLUBE SYNGEAR range is formulated for use in heavily loaded gearboxes operating at wide temperature ranges. They are designed for use in: dragline, shovel, crushers, wheel motors and heavy process gear cases and planetary transmissions.

PERFORMANCE LEVEL

- AGMA 9005 (AS)-F16
- DIN 51517 Part 3 (2018)
- David Brown S1.53.101
- Fives Cincinnati EP Gear Oil Lubricants

- ISO 12925-1 CKPR (2018)
- U.S. Steel 224
- GM LS-2 EP Gear Oils

FEATURES AND BENEFITS

- Outstanding oxidation stability
- Reduced gear wear resistance
- Superb corrosion protection
- High load and shock load resistant
- Wide operating temperature
- Excellent wear protection

Less sludge and system failures, longer fluid life Reduces friction, extends component life

- Extends component life Long-term component protection
- Extends life at temperature extremes
- Elongates gears and bearing life

BENJ^N R. VICKERS & SONS LTD.

Registered Office 6 Clarence Road, Leeds, LS10 1ND, United Kingdom Registered in England Company No. 00130013

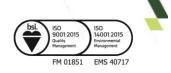
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Accredited to the ISO 9001 Quality Standard and the ISO 14001 Environmental Management Standard





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TYPICAL CHARACTERISTICS AND PROPERTIES

VICKERLUBE SYNGEAR	TEST METHOD	220	320	460	680
Appearance	Visual	Bright	Bright	Bright	Bright
Viscosity at 40°C (cSt)	ASTM D7042	220	320	460	680
Viscosity at 100°C (cSt)	ASTM D7042	31.0	40.3	56.4	77.9
Viscosity Index	ASTM D2270	181	185	191	197
Pour Point (°C)	ASTM D7346	-51	-51	-48	-45
Flash Point (°C)	ASTM D92	242	238	234	243
Copper Strip Corrosion 3h @ 100°C	ASTM D130	1a	1a	1a	1a
Demulsibility (minutes)	ASTM D1401	15	10	15	15
FZG Scuffing A/8.3/90 (FLS)	ASTM D5182	>12	>12	>12	>12
FE8 Bearing Wear (mg)	DIN 51819-3	3.5	3.5	3.5	3.5
Density at 15°C (g/cm ³)	ASTM D1298	0.852	0.852	0.856	0.857

Shelf Life

5 years in original sealed containers whilst stored out of direct sunlight

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