

H.S.T.N: 34039900 REF: MKT.PDS.106 REV: 3

# 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) •
- Flender AS 7300
- Fives Cincinnati EP Gear Oil Lubricants .

- ISO 12925-1 CKPR (2018)
- U.S. Steel 224
- GM LS-2 EP Gear Oils
- David Brown Santasalo S1.53.106

#### **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<sup>N</sup> R. VICKERS & SONS LTD.

**Registered Office** 6 Clarence Road, Leeds, LS10 1ND, United Kingdom

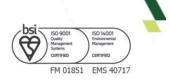
**Registered in England** Company No. 00130013



inbox@vickers-oil.com

Follow us on in 🗾 🕨

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





H.S.T.N: 34039900 REF: MKT.PDS.106 REV: 3

# VICKERLUBE SYNGEAR RANGE



### **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 <sup>3</sup> )	ASTM D1298	0.852	0.852	0.856	0.857

Shelf Life

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

Vickers Oils, its officers, employees and agents assume no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with Vickers Oils for the provision of this information or advice and in that case responsibility or liability is exclusively on the terms and conditions set out in that contract. Products should only be used for the applications specified. The supplier cannot accept responsibility if used in any other applications.

#### BENJ<sup>N</sup> R. VICKERS & SONS LTD.

Registered Office 6 Clarence Road, Leeds, LS10 1ND, United Kingdom

Registered in England Company No. 00130013 
 Tel:
 +44 (0) 113 386 7654

 Web:
 www.vickers-oil.com

 Email:
 inbox@vickers-oil.com

Follow us on in 🗾 🕨

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

