



GOLD SYN FLUID GSO 410, 415, 420, 430, 440, 450 & 480

GOLD SYN FLUID series oils are polyalphaolefins-based, synthetic high performance lubricants formulated with specially selected additives to offer a range of fluids for use in both gear and bearing applications. The range has been designed to offer specific performance benefits over its conventional mineral oil and synthetic fluid counterparts. Compliances with AGMA 9005-D94 DIN 51517 Part3.

Gold Syn fluid is a full synthetic Extreme Pressure gear lubricant. Synthetic Gear Oil utilizes proprietary ester and synthetic hydrocarbon technology for improved protection of gears and bearings. Synthetic Gear Oil reduces wear and controls micro pitting.

PROPERTIES:-

- High load carrying capacity & excellent friction reduction
- High Viscosity Index & Low Pour Point
- Excellent Thermal & oxidation stability
- Excellent resistance to degradation at high temperatures
- Excellent resistance to rust and corrosion and very good demulsibility
- Good compatibility with sealing materials

	Test Properties	Test Method	GOLD SYN FLUID SERIES							
			GSO	410	415	420	430	440	450	480
			AGMA Grade	3EP	4EP	5EP	6EP	7EP	8EP	9EP
Typical Properties & Characteristics	Appearance	Visual	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear	
	Colour	ASTM D 1500	1.0 Max	1.0 Max	1.0 Max	1.0 Max	1.0 Max	1.0 Max	1.0 Max	
	Density @ 29.5, °C, g/ml	ASTM D 1298	0.82 Typ.	0.82 Typ	0.82 Typ	0.82 Typ	0.82 Typ	0.82 Typ	0.82 Typ	
	Viscosity, Kinematic 40 at°C, cSt	ASTM D 445	95-105	145-155	215-225	310-330	430-490	645-715	950-1050	
	Viscosity, Kinematic 100 at°C, cSt	ASTM D 445	13.5 Min	18.5 Min	24.5 Min	33.5 Min	42.5 Min	56.5 Min	73.5 Min	
	Viscosity Index	ASTM D 2270	140 Min	140 Min	140 Min	150 Min	150 Min	150 Min	150 Min	
	Pour Point, °C	ASTM D 97	-36 Max	-36 Max	-33 Max	-33 Max	-27 Max	-27 Max	-27 Max	
	Flash Point, COC, °C	ASTM D 92	240 Min	240 Min	250 Min	260 Min	280 Min	280 Min	300 Min	
	TAN, mg KOH/g	ASTM D 664	0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.5 Min	0.5 Min	
	Copper corrosion	ASTM D 130	1a	1a	1a	1a	1a	1a	1a	

Packaging Options: GOLD SYN FLUID series is offered in 26, 50 & 210 Liter.

Health & Safety: See corresponding product MSDS

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