

RECOMPOUND SYN SERIES

HIGH PERFORMANCE SYNTHETIC GEAR OILS

PRODUCT DESCRIPTION

The RECOMPOUND SERIES are high-quality PAO-based gear oils for closed systems that have EP, anti-wear, anti-oxidation and anti-foam additives and work well under the most difficult conditions.

The Recomound SYN SERIES is preferred for increased requirements regarding high and low temperature properties.

APPLICATION / USAGE

The RECOMPOUND SYN SERIES oils are oils with a high viscosity index and high shear stability. They are used for optimal lubrication of gears and bearings, both at low speeds, high loads and high temperatures.

RECOMPOUND SYN SERIES oils are particularly recommended for transmission systems in mining, chemical, metal and paper industries, conveyor belts, mixers, dryers, drawing machines, fans, presses, pulp processors, pumps, marine industries and other applications.

The RECOMPOUND SYN series is compatible with mineral-based oils, but their performance may degrade when mixed with other lubricants. Therefore, the system should be thoroughly cleaned before installing these products to achieve maximum performance. They are used to lubricate the gears and bearings, working in the high loads and high temperatures.

ADVANTAGES / BENEFITS

- Very good high and low temperature properties
- High load carrying capacity
- Contain special additives to prevent deposits and foam formation
- Very good wear protection properties
- Very good corrosion protection
- High resistance to aging
- Very good air separation ability
- Very good filterability
- Good demulsification behavior
- Reduce oil change frequency, ensuring longer oil and equipment life

SPECIFICATIONS/APPROVALS

AGMA 9005-E04
AGMA 250.04
US STEEL 224
AGMA 9005-D94
DAVID BROWN S.53
DIN 51517 Part 3
FLENDER

STORAGE

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature should be between +5 and +40°C.

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."

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TECHNICAL PROPERTIES	TEST VALUES							TEST METHOD
	68	100	150	220	320	460	680	
Density (20°C, g/cm ³)	0,842	0,844	0,848	0,850	0,853	0,856	0,858	ASTM D 1298
Kinematic Viscosity (40°C, cSt)	68	100	150	220	320	460	680	ASTM D 445
Kinematic Viscosity (100°C, cSt)	11,24	15,16	21,22	27,78	36,40	47,59	63,02	ASTM D 445
Viscosity Index	157	157	160	161	162	163	165	ASTM D 2270
Flash Point (°C)	228	230	232	238	242	246	256	ASTM D 92
Pour Point (°C)	-54	-48	-45	-40	-40	-36	-33	ASTM D 97
Copper Corrosion (3 h, 100°C)	1b	1b	1b	1b	1b	1b	1b	ASTM D 130
Foaming Tendency/ Stability (2.kd, 93,5°C, mL)	20/0	20/0	20/0	20/0	20/0	20/0	20/0	ASTM D 892
Welding Load (kg)	250	250	250	250	250	250	250	ASTM D2783
Corrosion Test	Pass							ASTM D 665B

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