

RECOMPOUND SERIES

CLOSED SYSTEM GEAR OILS

PRODUCT DESCRIPTION

The RECOMPOUND SERIES are high-quality gear and circulation oils for universal use in closed systems. Due to their EP, anti-wear, anti-oxidation and anti-foam additives these oils are working well even under difficult conditions.

Due to their formulation, they prevent corrosion and reduce wear. They are also compatible with many sealing components such as NBR used in transmissions. A separate check is recommended in individual cases.

APPLICATION / USAGE

They are particularly suitable for transmission systems that are exposed to heavy or shock-like loads. They have a wide range of uses, e.g. B. for spur, helical and bevel gears that can be operated up to 100 °C.

In addition to use in conveyors, extruders, dryers, fans, mixers, presses, cranes, elevators, paper pulp machines, pumps, crushers and industrial gearboxes, RECOMPOUND SERIES OILS are also used in deck machinery and in maritime applications such as propeller drives and centrifuges.

They are also used to lubricate plain and rolling bearings under high loads and low speeds.

ADVANTAGES / BENEFITS

- Reduces wear and tear
- Good seal compatibility
- Prevents deposits
- High performance even under difficult conditions working conditions
- Very low foaming behavior helps prevent cavitation damage avoid
- Wide scope of application

SPECIFICATIONS/APPROVALS

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

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	1000	1500	
Density (20°C, g/cm ³)	0,890	0,895	0,900	0,910	0,915	0,915	0,918	0,918	0,919	ASTM D 1298
Kinematic Viscosity (40°C, cSt)	68	100	150	220	320	460	680	1000	1500	ASTM D 445
Kinematic Viscosity (100°C, cSt)	8,65	11,2	14,8	18,9	24,1	30,6	39,2	47,5	61,5	ASTM D 445
Viscosity Index	98	97	98	96	96	95	92	90	91	ASTM D 2270
Flash Point (°C)	240	240	245	250	250	255	280	285	288	ASTM D 92
Pour Point (°C)	-24	-24	-21	-18	-15	-12	-9	-9	-6	ASTM D 97
Copper Corrosion (3 h, 100°C)	1a	1a	1a	1a	1a	1a	1a	1a	1a	ASTM D 130
Foaming Tendency/Stability (2.kd, 93,5°C, mL)	30/0	30/0	30/0	30/0	30/0	30/0	30/0	30/0	30/0	ASTM D 892
Welding Load (kg)	250	250	250	250	250	250	250	250	250	ASTM D 2783
Corrosion Test	Pass									ASTM D 665B
Water Separability	40/37/3									ASTM D 1401

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