

ROKOLUB[®] MOS

ROKOLUB[®] MOS SERIES
OIL-SOLUBLE PAG

KEY BENEFITS

- Long-life and lower cost: intrinsic synthetic performance
- Peace of mind in use: oil-soluble with Gr.I to Gr.IV base oils
- Cost saving of expensive additives: enhanced anti-wear properties

GENERAL INFO & USES

ROKOLUB® MOS products are fully synthetic polyglycols (PAG) for use in various applications where contamination or mixture with conventional mineral oils might occur. ROKOLUB MOS products display desired intrinsic properties, such as low friction, high anti-wear, high viscosity index and ability to withstand high temperatures. ROKOLUB MOS products are miscible with Gr.I to Gr.IV base oils and other PAG, and improve electrical conductivity of lubricants.

KEY APPLICATIONS

- Industrial lubricants, such as gear, hydraulic or compressor oils
- Greases
- Metalworking fluids

MAIN FEATURES & BENEFITS

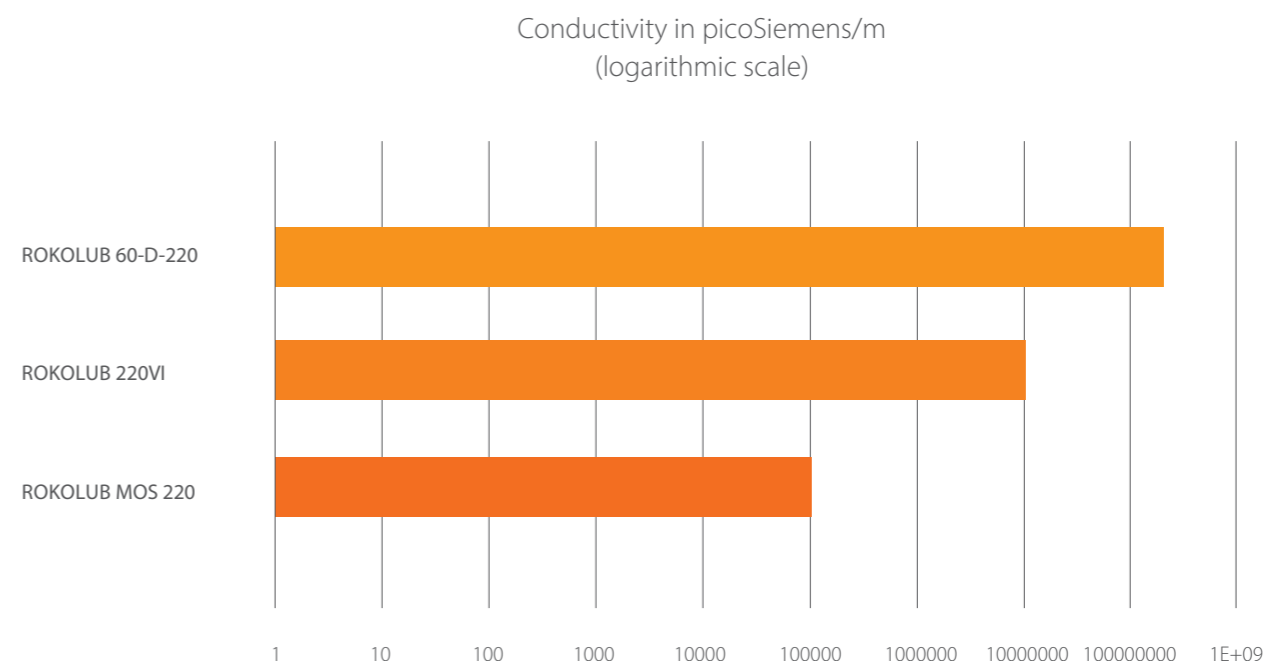
Features	Advantages	Benefits
Miscibility with mineral base oils	Top-up / unintended mixture without issues	Peace of mind
Low four-ball wear (VKA)	Improved anti-wear performance on moving parts	Longer equipment life; lower maintenance cost
High Viscosity index	Small viscosity change over wide temperature range	Precision of operation; protection of equipment
Low friction coefficient	Reduced wear and friction losses	Energy savings
Electrical conductivity	No electro-corrosion on machine parts	Less risk of downtime; longer equipment life

TYPICAL PROPERTIES

Product name	ISO Viscosity Grade	Kinematic viscosity at 40°C [mm ² /s] ASTM D445	Kinematic viscosity at 100°C [mm ² /s] ASTM D445	Viscosity Index ASTM D2270	Pour point [°C] ASTM D97	Flash point (COC) [°C] ASTM D92	Air release [min] ASTM D3427
ROKOLUB MOS 32	32	31	6.5	171	<-38	250	<0.5
ROKOLUB MOS 46	46	45	8.7	176	-6	242	<0.5
ROKOLUB MOS 68	68	70	13	189	-12	246	<0.5
ROKOLUB MOS 100	100	106	18	189	-21	250	<0.5
ROKOLUB MOS 220	220	206	31	191	-35	226	<0.5
ROKOLUB MOS 460	460	433	51	181	-35	240	<0.5
ROKOLUB MOS 680	680	637	73	194	-28	241	<0.5

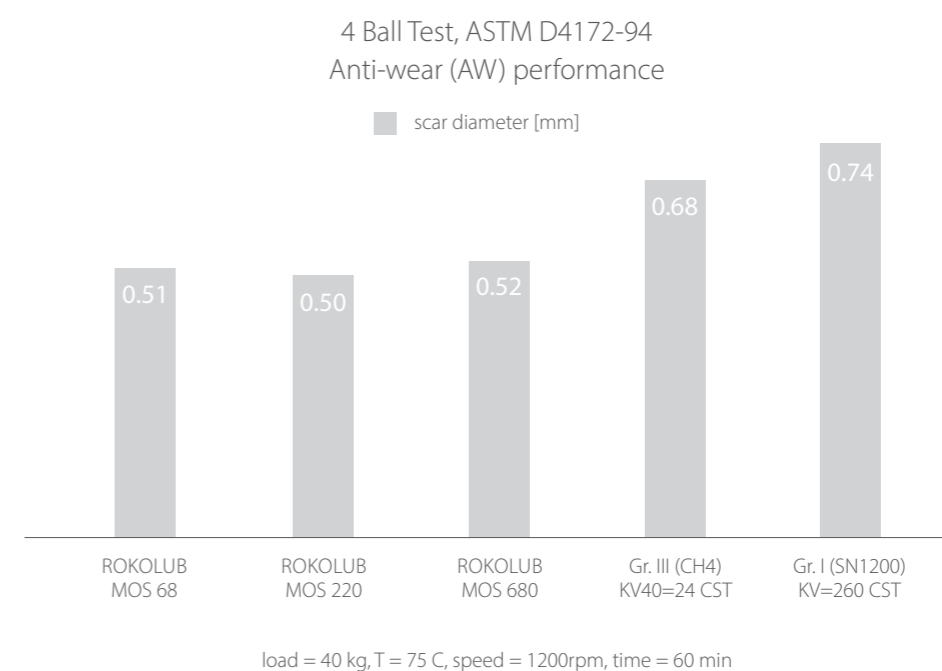
CONDUCTIVITY

PAG usually show a very high electrical conductivity, so does ROKOLUB MOS 220, in comparison with water-soluble ROKOLUB 60-D-220 and water-insoluble Rokolub 220VI.



ANTI-WEAR PERFORMANCE

ROKOLUB MOS products perform well in VKA-Test, indicating its intrinsic anti-wear properties. Scar diameters are far lower when compared with a very heavy base oil.



COMPATIBILITY

ROKOLUB MOS products provide miscibility with different range of mineral oils which is a great advantage when compared with conventional PAG. ROKOLUB MOS products perform good miscibility with mineral oils in a wide range of temperature which makes them useful in different working conditions.

Product name	SN150 VG32 Base oil – group I				SN500 VG100 Base oil – group I				SN1200 VG220 - 320 Base oil – group I				Chevron 600R VG100 Base oil – group II				HC4 VG22 Hydrocracking synthetic oil			
	-10°C	4°C	25°C	50°C	-10°C	4°C	25°C	50°C	-10°C	4°C	25°C	50°C	-10°C	4°C	25°C	50°C	-10°C	4°C	25°C	50°C
ROKOLUB MOS 32	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS
ROKOLUB MOS 46	CS	CS	CS	CS	CS	CS	CS	CS	TB	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS
ROKOLUB MOS 68	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS
ROKOLUB MOS 100	CS	CS	CS	CS	CS	CS	CS	CS	2PS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS
ROKOLUB MOS 220	CS	CS	CS	CS	CS	CS	CS	CS	2PS	2PS	CS	CS	2PS	2PS	TB	CS	CS	CS	CS	CS
ROKOLUB MOS 460	CS	CS	CS	CS	2PS	TB	CS	CS	2PS	CS	CS	CS	2PS	CS	CS	CS	2PS	CS	CS	CS
ROKOLUB MOS 680	2PS	CS	CS	CS	2PS	TB	CS	CS	2PS	CS	CS	CS	2PS	CS	CS	CS	2PS	CS	CS	CS

Note: CS – clear solution | TB – turbid solution | 2PS – two-phase solution
*all results after 7 days

CLASSIFICATION & LABELLING

In order to obtain this information, please refer to the Safety Data Sheets. These documents are available upon request from your sales representative.

STORAGE & SHELF LIFE

Please see our relevant Technical Data Sheet for general safety guideline. These documents are available upon request from your sales representative.

DELIVERY

Tank wagons or tanker trucks made of stainless steel, plastic containers with a capacity of 1 m³, steel or plastic drums with a capacity of 200 dm³ and other packaging as agreed with the customer.

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The information in the catalogue is believed to be accurate and to the best of our knowledge, but should be considered as introductory only. Detailed information about products is available in TDS and MSDS. Suggestions for product applications are based on our best knowledge.

The responsibility for the use of products in conformity or otherwise with the suggested application and for determining product suitability for your own purposes rests with the user.

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