

EKO PROCESS

Tire process lubricants

Description-Applications

The EKO PROCESS lubricant series includes three high-quality paraffinic lubricants suitable for the processing of synthetic or natural rubber.

EKO PROCESS lubricants are also used in the plastic industry.

Specifications

ASTM D2226 type 104(B).

Advantages

- Their low volatility minimizes loss due to product processing at high temperatures.
- Ideal viscosity grade for the dispersion of additives, thus improving the processing of elastomers.
- Their color does not affect final product color.
- Insignificant amount of asphaltenes, guaranteeing optimal sulfidation.
- EKO PROCESS lubricants have low toxicity due to their low content in aromatic hydrocarbons.

Typical Characteristics

Properties	Methods	Units	EKO PROCESS 845	EKO PROCESS 876	EKO PROCESS 900
Appearance	Οπτικός Έλεγχος	-	B/C	B/C	B/C
Colour ASTM	ASTM D1500	-	1.0	2.0	L4.0
Density, 15°C	ASTM D4052	g/ml	0.88	0.89	0.91
Kinematic Viscosity, 40°C	ASTM D445	cSt	32.1	108	475
Kinematic Viscosity, 100°C	ASTM D445	cSt	5.3	11.6	31.5
Viscosity Index (VI)	ASTM D2270	-	96	95	95
Pour Point	ASTM D5950	°C	-9	-6	-6
Flash Point, COC	ASTM D92	°C	222	260	294
Sulfur Content	ASTM D4294	% w/w	0.6	0.8	0.9
Acid Number, TAN	ASTM D974	mg KOH/g	0.01	0.01	0.05
Refraction coefficient, 20°C (nD20)	ASTM D1218	-	N/D	1.4897	N/D
Aniline Point	ASTM D611	°C	N/D	122	N/D
% C (P)	ASTM D3238	%	N/D	66	N/D
% C (N)				27	
% C (A)				7	

Health and safety

Protect the environment while disposing of used product. Used lubricants should be collected at specific points to ensure they do not pollute the environment. Do not mix with solvents, brake fluids, antifreeze fluids and water, to allow for proper handling.

30 January 2025