

QUALITY SUSTAINS.



QUALITY WORKS.

LANXESS
Energizing Chemistry

Hatcol® Oleate Polyol Esters

Bio-derived and biodegradable polyol esters with high viscosity

Discover a more sustainable solution for Ester base oils with our new line of Hatcol® Oleate Polyol Esters. Made at our plant in Fords, New Jersey, USA with over 80% bioderived raw materials, these biodegradable esters offer excellent lubricity, a very high viscosity index, minimal evaporation loss, and hydrolytic stability.

In combination with a wide range of sustainable and LuSC-listed additives, Hatcol® Oleate Polyol Esters can be used to develop EU Ecolabel approved lubricants and biodegradable lubricants. This makes them the ideal choice for industries striving to meet strict environmental standards without compromising performance.

Whether for high-performance industrial applications or environmentally responsible formulations, Hatcol® Oleate Polyol Esters provide a reliable and sustainable alternative, helping you reduce your ecological footprint while delivering superior operational efficiency. We can help you formulate sustainable lubricants tailored to your specific needs, ensuring compliance with the latest environmental regulations and performance requirements.

Applications

Industrial

- Fire-resistant hydraulic fluids
- Biodegradable hydraulic fluids
- Greases

Transportation

- 2-stroke engine oils
- Marine engine oils
- Greases

Metalworking

- Steel milling
- Grinding and cutting oils
- Hot and cold rolling
- Drawing lubricants
- Release agents

Other

- Transformer oils
- Chain saw lubricants
- Textile finishing



X Hatcol®

Typical Values

Property	Units	Hatcol® 4322	Hatcol® 4323	Hatcol® 4324
Polyol Ester type	-	NPG	TMP	PE
KV 40	cSt	24	48	68
KV 100	cSt	5.9	9.5	12.5
Viscosity index	-	205	190	190
Flash Point	°C	277	310	332
Fire Point	°C	316	341	382
Pour Point	°C	-32	-50	-23
Acid Value	mgKOH/g	0.7	0.7	0.7
Hydroxyl Value	mgKOH/g	6	10	10
Water Content	wt%	0.02	0.02	0.02
Density	lbs/gal	7.52	7.66	7.70
Specific Gravity	-	0.987	0.914	0.919
Noack Evaporation Loss	wt%	2	1	1

*Characteristic data provide information on the product that is not binding.
For binding specification values please refer to our technical information sheets.*

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Unless specified to the contrary, the values given have been established on standardized test specimens. The figures should be regarded as guide values only and not as binding minimum values. Kindly note that the results refer exclusively to the specimens tested. Under certain conditions, the test results established can be affected to a considerable extent by the processing conditions and manufacturing process.

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