

Why MOGoil?

- More than 18 years experience in base and process oil business
- Excellent market knowledge
- International team, we can support you in 8 different languages
- A broad product portfolio
- Wide European presence: Germany, Benelux, Switzerland, France, Central Europe and more
- Excellent logistics
- Products stored in our tanks in Antwerp, Belgium
- Direct supply from several refineries
- Delivery in: Bulk, Barge, Rail Car, truck, ISO Container, IBCs & Drums
- Certified ISO 9001 since 2010
- Since August 1st 2023 a part of the ERGON Inc. family of companies.

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MOGoil
An ERGON Company

Process Oils
**A NEW ERA
HAS BEGUN!**

STANDARD PROCESS OILS

Test Description	Test Method	PO 100	PO 150	PO 500	Brightstock
		typical	typical	typical	typical
Color, ASTM	ASTM D 1500	0.5	1.0	2.5	3.0
Density at 15 °C, kg/l	ASTM D 4052	0.865	0.870	0.888	0.906
KV40, cSt	ASTM D 445	21.1	31.4	96.65	575
KV100, cSt	ASTM D 445	4.3	5.23	10.6	34.5
VI	ASTM D 2270	96	95	91	91
Flash Point, °C (COC)	ASTM D 92	201	220	262	322
Pour Point, °C, max.	ASTM D 97	-15	-12	-9	-9
Noack, wt %	ASTM D 5800	26	15.6	-	-
Sulfur Content, wt %	ASTM D 4294	0.35	0.70	0.9	1300

HIGH QUALITY PROCESS OILS

Test Description	Test Method	ConoPure 3P	ConoPure 4P	5P	ConoPure 6P	9P	11P	ConoPure 12P
		typical	typical	typical	typical	typical	typical	typical
Color, ASTM	ASTM D 1500	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Density at 15 °C, kg/l	ASTM D 4052	0.8618	0.8529	0.857	0.8686	0.870	0.871	0.8749
KV40, cSt	ASTM D 445	13.5	20.3	31	41.9	69.5	101	110
KV100, cSt	ASTM D 445	2.9 - 3.2	4.07 - 4.25	5.0 - 5.5	6.38 - 6.58	8.0 - 10.0	10.5 - 12.0	11.8 - 12.6
Flash Point, °C (COC)	ASTM D 92	187	207	210	227	230	241	268
Pour Point, °C, max.	ASTM D 5949	-27	-12	-12	-12	-12	-12	-12
Refractive Index	ASTM D 1218	1.4684	1.4685	1.470	1.4734	1.474	1.473	1.4763
Sulphur, ppm	ASTM D 1552	<1	<1	<3	<1	<3	<3	<1
Carbon Type Analysis, % - Ca%, Cn%, Cp%	ASTM D 2140	0/43/57	0/35/65	0/36/64	0/38/62	0/37/63	0/35/65	0/35/65
FDA	CFR 178.3620 (c)	Pass	Pass	Pass	Pass	Pass	Pass	Pass

SPECIALTIES

Test Description	Test Method	M-Slack Wax 160	M-Slack Wax 150	M-Slack Wax 500
		typical	typical	typical
Color, ASTM	ASTM D 1500	L0.5	L0.5	L2.0
Melting Point, °C	ASTM D 87	48	51	58
Flash Point, °C	ASTM D 92	232	222	254
Kin. Visc. at 100°C, mm ² /s	ASTM D 445	4.1	3.67	7.28
Oil Content, %	ASTM D 721	15.90	11.5	24.1
Needle penetration at 25°C, mm0.1	ASTM D 1321	101	46	79
Sulphur content, %	ASTM D 4292	0.0006	0.1200	0.5200
Refractive Index at 70°C	ASTM D 1747	-	1.4365	1.4531

Test Description	Test Method	Petrolatum MOG
		typical
Color, ASTM	ASTM D 1500	L3.0
Melting Point, °C	ASTM D 87	69
Flash Point, °C	ASTM D 92	309
Kin. Visc. at 100°C, mm ² /s	ASTM D 445	16.1
Oil Content, %	ASTM D 721	4
Needle penetration at 25°C, mm0.1	ASTM D 1321	60
Sulphur content, %	ASTM D 4292	0.0036

RUBBER PROCESS OILS

Test Description	Test Method	TDAE-500	MES	RAE
		typical	typical	typical
Kin. Visc. at 100°C, mm ² /s	ASTM D 445	22.63	13 - 17	73
Density at 15 °C, kg/l	ASTM D 4052	0.967	0.895 - 0.925	0.971
Anilin Point, °C	ASTM D 611	63	85 - 100	72
Flash Point, °C	ASTM D 92/93	262 (COC)	Min. 220 (PM)	306
Pour Point, °C	ASTM D 97	36	Max. 0°C	27
Sulphur Content, mass%	ASTM D 6481	3.6	Max. 3.00	Max. 4.0
Glass Transition Temperature, TG °C	ASTM D 3418	-48	-	-
Carbon Type Analysis (no S correction), % - Ca%, Cn%, Cp%	ASTM D 2140	30/26/44	Ca: 11 - 17	28/20/52
Benzo[a]pyrene, mg/kg	ASTM D 16143	0.20	<1	<1
Sum 8 REACH PAHs, mg/kg	ISO 16143	1.1	< 10	< 10

TECHNICAL WHITE OILS

Test Description	Test Method	TWO 5008	TWO 5013	TWO 3019	TWO 3020	TWO 2020	TWO 2030
		typical	typical	typical	typical	typical	typical
Density at 15, kg/l	ASTM D 4052	0.830	0.833	0.834	0.835	0.848	0.854
Color	ASTM D 1500	L 0.5	L 0.5	L 0.5	L0.5	L 0.5	L 0.5
KV40, cSt	ASTM D 445	8.1	13.2	19.3	19.5	20.3	30.5
KV100, cSt	ASTM D 445	2.5	3.3	4.3	4.3	4.1	5.4
Noack, wt %	ASTM D 5800	-	-	14.5	14.8	23.5	13
Sulphur, ppm	ASTM D 2622	1	1	<1	<3	<3	<3
Carbon Type Analysis, % - Ca%, Cn%, Cp%	ASTM D 2140	0/22/78	0/26/74	0/17/83	-	0/30/70	0/30/70
FDA	CFR 178.3620 (b)	Pass	Pass	Pass	Pass	Pass	Pass

Test Description	Test Method	TWO 3030	TWO 2040	TWO 3043	TWO 2070	TWO 2100	TWO 2112
		typical	typical	typical	typical	typical	typical
Density at 15, kg/l	ASTM D 4052	0.839	0.858	0.847	0.869	0.870	0.872
Color	ASTM D 1500	L 0.5	L 0.5	L 0.5	L0.5	L0.5	L0.5
KV40, cSt	ASTM D 445	31.5	40.1	43.9	69	100	113
KV100, cSt	ASTM D 445	5.9	6.4	7.2	8.8	11.2	12.1
Noack, wt %	ASTM D 5800	8	7.1	4.1	8	8	x
Sulphur, ppm	ASTM D 2622	<3	<3	1	<3	<3	<3
Carbon Type Analysis, % - Ca%, Cn%, Cp%	ASTM D 2140	-	0/30/70	0/21/79	0/31/69	0/31/69	0/31/69
FDA	CFR 178.3620 (b)	Pass	Pass	Pass	Pass	Pass	Pass

Did not find what you were looking for?

Get in contact with us.

We will be glad to help you find the oil you need for your application!