

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.

Contact us!

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MOGoil
An ERGON Company

Base Oils
A NEW ERA
HAS BEGUN!

GROUP I

Test Description	Test Method	SN 100	SN 150	SN 500	SN 650	BS L	BS 150 L
		typical	typical	typical	typical	typical	typical
Density at 15, kg/l	ASTM D 4052	0.865	0.870	0.892	0.893	0.901	0.906
Color	ASTM D 1500	0.5	L1.0	L2.5	2.5	3.0	3.0
KV40, cSt	ASTM D 445	21.18	29.81	101.9	144.6	474.5	575.0
KV100, cSt	ASTM D 445	4.22	5.15	11.11	14.02	29.6	34.5
VI	ASTM D 2270	103	101	93	93	90	91
Noack, wt %	ASTM D 5800	24.7	14.8	4.5	2.5	-	-
Sulphur Cont., wt%	ASTM D 2622	0.70	0.77	0.98	0.91	1.06	1.30

GROUP II

Test Description	Test Method	Pure Performance Base Oil 110N	150N	Pure Performance Base Oil 225N	340N	500N	Pure Performance Base Oil 600N
		typical	typical	typical	typical	typical	typical
Density at 15, kg/l	ASTM D 4052	0.848	0.854	0.859	0.868	0.870	0.872
Color	ASTM D 1500	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5
KV40, cSt	ASTM D 445	20.3	30.44	40.7	70.0	99	112.9
KV100, cSt	ASTM D 445	4.2	5.36	6.4	Report	11.1	12.1
VI	ASTM D 2270	110	106	106	100	97	97
Noack, wt %	ASTM D 5800	20.9	13.5	8.8	<10	<10	-
CCS -20°C, mPas	ASTM D 5293	765	1550	2701	-	-	21000

GROUP III

Test Description	Test Method	a.ULTRA 4	a.ULTRA 6	a.ULTRA 8	BAPbase 4	BAPbase 6	BAPbase 8
		typical	typical	typical	typical	typical	typical
Sp. Gravity, 15/4 °C	ASTM D 4052	0.835	0.842	0.847	0.834	0.839	0.847
Color, Saybolt	ASTM D 156	+30	+30	+30	+30	+29	+30
KV40, cSt	ASTM D 445	19.62	32.40	43.89	19.54	31.53	47.32
KV100, cSt	ASTM D 445	4.47	5.9	7.23	4.25	5.89	7.8
VI	ASTM D 2270	123	128	127	125	134	134
Noack, wt %	ASTM D 5800	14.50	7.6	4.1	17.7	8	3.7
CCS -30°C, mPa.s	ASTM D 5293	1424	3390	-	1599	3694	7741

LOW VISCOSITY

Test Description	Test Method	275H	MHC 4	400H	500H	a.ULTRA 2	MHC 9	Pure Performance Base Oil 70N	a.ULTRA 3
		typical	typical	typical	typical	typical	typical	typical	typical
Colour, Saybolt	ASTM D 156	30	-	30	30	(+)30	-	-	(+)30
Colour, ASTM	ASTM D 1500	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5
Density at 15°C, kg/l	EN ISO 12185	0.813	0.823	0.813	0.817	0.830	0.833	0.846	0.832
KV40, cSt	EN ISO 3104	3.35	3.9	4.57	5.46	8.2	9.3	12.26	13.47
Flash Point, COC, °C	EN ISO 2592	127	134	138	141	166	184	193	204
Pour Point, °C	EN ISO 3016	Max. -20	-57	Max. -10	Max. -5	-39	-48	-30	-25
Boiling Range, °C	ASTM D 86	250 - 295	-	280 – 325	290 – 350	-	-	-	-
Aromatic content, ppm	UV Correl.	800	-	100	553	-	-	-	-

SYNFLUID PAO - LV

Test Description	Test Method	PAO 2 cSt	PAO 4 cSt	PAO 5 cSt	PAO 6 cSt
		typical	typical	typical	typical
Sp. Gravity, 15.6 °C	ASTM D 4052	0.7981	0.8188	0.8242	0.8280
KV100, cSt	ASTM D 445	1.7	3.8	5.1	5.9
KV40, cSt	ASTM D 445	5.1	16.8	24.1	30.9
KV -40, cSt	ASTM D 445	253	2384	4715	7826
VI	ASTM D 2270	-	124	146	138
Pour Point, °C	ASTM D 97	-73	-72	-50	-64
Noack, wt %	ASTM D 5800	-	13.4	5.5	6.7

Test Description	Test Method	PAO 6 cSt HVI	PAO 7 cSt	PAO 8 cSt	PAO 8 cSt HVI
		typical	typical	typical	typical
Sp. Gravity, 15.6 °C	ASTM D 4052	0.8273	0.8303	0.8322	0.8310
KV100, cSt	ASTM D 445	5.9	7.1	7.9	8
KV40, cSt	ASTM D 445	29.1	37.8	46	45.2
KV -40, cSt	ASTM D 445	7000	10557	17094	-
VI	ASTM D 2270	150	150	142	150
Pour Point, °C	ASTM D 97	-48	-44	-60	-44
Noack, wt %	ASTM D 5800	5.0	3.8	3.9	3.4

SYNFLUID PAO - HV

Test Description	Test Method	mPAO 65 cSt	mPAO 100 cSt	mPAO 150 cSt
		typical	typical	typical
Sp. Gravity, 15.6 °C	ASTM D 4052	0.842	0.845	0.847
KV100, cSt	ASTM D 445	65	101	154
KV40, cSt	ASTM D 445	617	1035	1689
Viscosity Index	ASTM D 2270	178	190	204
Pour Point, °C	ASTM D 97	-43	-40	-36
Flash Point, °C (COC)	ASTM D 92	258	263	274

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