

AlcoTech Lubricants and Grease for suspensions - 2024 Catalogue

AlcoTech oil for FRONT FORKS																		
Product Line: FORK-TECH																		
Code	Qty	Base-Type	Nominal Wt	Nominal ISO	Viscosity @ 0°C (cSt)	Viscosity @ 20°C (cSt)	Viscosity @ 40°C (cSt)	Viscosity @ 60°C (cSt)	Viscosity @ 80°C (cSt)	Viscosity @ 100°C (cSt)	Dynamic viscosity	Viscosity Index	Pour point C°	Flash point C°	Relative density 15°	Colour	Mixable	Application
LU-FT02A	1 lt.	Semi-synthetic	2.5	12	50.6	21.7	11.5	6.9	4.6	3.3	9.5	172	-48	130	0.828	Yellow	Yes	Front Fork Road / Track
LU-FT02D	2 lt.																	
LU-FT02B	5 lt.																	
LU-FT02C	10 lt.																	
LU-FT03A	1 lt.	Semi-synthetic	3.5	15	84.4	30.9	14.6	8.3	5.2	3.6	12.2	160	-45	175	0.835	Yellow	Yes	Front Fork Road / Track
LU-FT03D	2 lt.																	
LU-FT03B	5 lt.																	
LU-FT03C	10 lt.																	
LU-FT04A	1 lt.	Semi-synthetic	5	21	132	46.7	21.4	11.7	7.3	4.9	18	157	-42	187	0.84	Yellow	Yes	Front Fork Road / Track
LU-FT04D	2 lt.																	
LU-FT04B	5 lt.																	
LU-FT04C	10 lt.																	
LU-FT05A	1 lt.	Semi-synthetic	7.5	33	249	79.2	33.4	17.1	10.2	6.6	28.4	155	-40	190	0.849	Yellow	Yes	Front Fork Road / Track
LU-FT05D	2 lt.																	
LU-FT05B	5 lt.																	
LU-FT05C	10 lt.																	
LU-FT06A	1 lt.	Semi-synthetic	10	47	411	119	46.9	22.9	13	8.2	40	148	-38	193	0.853	Yellow	Yes	Front Fork Road / Track
LU-FT06D	2 lt.																	
LU-FT06B	5 lt.																	
LU-FT06C	10 lt.																	
LU-FT07A	1 lt.	Semi-synthetic	15	69	678	184.4	68.8	32.1	17.6	10.8	60.2	146	-35	205	0.875	Yellow	Yes	Front Fork Road / Track
LU-FT07D	2 lt.																	
LU-FT07B	5 lt.																	
LU-FT07C	10 lt.																	
LU-FT08A	1 lt.	Semi-synthetic	20	105	1214	301	105	46.4	24.3	14.4	92.4	139	-30	220	0.88	Yellow	Yes	Front Fork Road / Track
LU-FT08D	2 lt.																	
LU-FT08B	5 lt.																	
LU-FT08C	10 lt.																	

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AlcoTech oil for FRONT FORKS																		
Product Line: FORK-PRO																		
Code	Qty	Base-Type	Nominal Wt	Nominal ISO	Viscosity @ 0°C (cSt)	Viscosity @ 20°C (cSt)	Viscosity @ 40°C (cSt)	Viscosity @ 60°C (cSt)	Viscosity @ 80°C (cSt)	Viscosity @ 100°C (cSt)	Dynamic viscosity	Viscosity Index	Pour point C°	Flash point C°	Relative density 15°	Colour	Mixable	Application
LU-FP02A	1 lt.	Synthetic PAOs + Esters	4	16	61.6	28.5	15.6	9.7	6.5	4.7	13	253	-49	160	0.830	Orange	Yes	Front Fork Road/Off-Road (pressurized cartridges) + Steering Damp.
LU-FP02D	2 lt.																	
LU-FP02B	5 lt.																	
LU-FP02C	10 lt.																	
LU-FP03A	1 lt.	Synthetic PAOs + Esters	6	20	80	37.3	20.5	12.7	8.5	6.1	17	279	-45	170	0.835	Orange	Yes	
LU-FP03D	2 lt.																	
LU-FP03B	5 lt.																	
LU-FP03C	10 lt.																	

AlcoTech oil for FRONT FORKS																		
Product Line: FORK-RACE																		
Code	Qty	Base-Type	Nominal Wt	Nominal ISO	Viscosity @ 0°C (cSt)	Viscosity @ 20°C (cSt)	Viscosity @ 40°C (cSt)	Viscosity @ 60°C (cSt)	Viscosity @ 80°C (cSt)	Viscosity @ 100°C (cSt)	Dynamic viscosity	Viscosity Index	Pour point C°	Flash point C°	Relative density 15°	Colour	Mixable	Application
LU-FR02A	1 lt.	Synthetic Mix	3.5	15	70.9	28.7	14.5	8.4	5.5	3.9	12.2	183	-47	215	0.837	Light Red	Yes	Front Fork Race-Track / Off-Road
LU-FR02D	2 lt.																	
LU-FR02B	5 lt.																	
LU-FR02C	10 lt.																	
LU-FR03A	1 lt.	Synthetic Mix	5	22	131.7	47.9	22.3	12.3	7.6	5.2	18.7	180	-45	218	0.840	Light Red	Yes	
LU-FR03D	2 lt.																	
LU-FR03B	5 lt.																	
LU-FR03C	10 lt.																	
LU-FR05A	1 lt.	Synthetic Mix	6.5	28	177.4	62.8	28.5	15.4	9.4	6.3	24.1	177	-43	220	0.845	Light Red	Yes	Front Fork Race-Track / Off-Road
LU-FR05D	2 lt.																	
LU-FR05B	5 lt.																	
LU-FR05C	10 lt.																	
LU-FR06A	1 lt.	Synthetic Mix	8	39	273	90.3	38.9	20.2	12	7.8	33	174	-40	225	0.848	Light Red	Yes	
LU-FR06D	2 lt.																	
LU-FR06B	5 lt.																	
LU-FR06C	10 lt.																	

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AlcoTech multi-purpose oil for SUSPENSIONS

Product Line: UNI-HYDRO

Code	Qty	Base-Type	Nominal Wt	Nominal ISO	Viscosity @ 0°C (cSt)	Viscosity @ 20°C (cSt)	Viscosity @ 40°C (cSt)	Viscosity @ 60°C (cSt)	Viscosity @ 80°C (cSt)	Viscosity @ 100°C (cSt)	Dynamic viscosity	Viscosity Index	Pour point C°	Flash point C°	Relative density 15°	Colour	Mixable	Application
LU-UN03A	1 lt.	Synthetic PAOs + Esters	3.5	13	51.4	22.9	12.4	7.6	5.2	3.7	10	208	-49	214	0.835	Yellow	Yes	Dampers (Front Forks + Shock-absorbers + Steering dampers) Hydraulic Circuits
LU-UN03D	2 lt.																	
LU-UN03B	5 lt.																	
LU-UN03C	10 lt.																	
LU-UN04A	1 lt.	Synthetic PAOs + Esters	5	22	121.8	46.5	22.3	12.5	7.9	5.4	18.5	194	-47	216	0.840	Yellow	Yes	
LU-UN04D	2 lt.																	
LU-UN04B	5 lt.																	
LU-UN04C	10 lt.																	
LU-UN05A	1 lt.	Synthetic PAOs + Esters	7.5	32	195.6	69.8	32.5	17.7	10.8	7.2	27.5	195	-45	218	0.846	Yellow	Yes	
LU-UN05D	2 lt.																	
LU-UN05B	5 lt.																	
LU-UN05C	10 lt.																	
LU-UN06A	1 lt.	Synthetic PAOs + Esters	10	47	307.3	105.9	47.1	24.8	15.2	9.6	40	194	-43	221	0.851	Yellow	Yes	
LU-UN06D	2 lt.																	
LU-UN06B	5 lt.																	
LU-UN06C	10 lt.																	
LU-UN07A	1 lt.	Synthetic PAOs + Esters	15	69	469	158.7	69	35.5	20.4	13.2	59	196	-42	226	0.855	Yellow	Yes	
LU-UN07D	2 lt.																	
LU-UN07B	5 lt.																	
LU-UN07C	10 lt.																	
LU-UN08A	1 lt.	Synthetic PAOs + Esters	20	98	725.5	234.9	98	48.7	27.6	17.3	84	192	-40	228	0.862	Yellow	Yes	
LU-UN08D	2 lt.																	
LU-UN08B	5 lt.																	
LU-UN08C	10 lt.																	
LU-UN09A	1 lt.	Synthetic PAOs + Esters	30	150	1281	385	151	71.5	39	23.5	130	187	-38	232	0.867	Yellow	Yes	
LU-UN09D	2 lt.																	
LU-UN09B	5 lt.																	
LU-UN09C	10 lt.																	
LU-UN10A	1 lt.	Synthetic PAOs + Esters	40	220	2098	596	221	100	52.7	31	193	183	-36	245	0.874	Yellow	Yes	Dampers Machinery Lubrication
LU-UN10D	2 lt.																	
LU-UN10B	5 lt.																	
LU-UN10C	10 lt.																	

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AlcoTech oil for SHOCK ABSORBERS

Product Line: SHOCK-TECH

Code	Qty	Base-Type	Nominal Wt	Nominal ISO	Viscosity @ 0°C (cSt)	Viscosity @ 20°C (cSt)	Viscosity @ 40°C (cSt)	Viscosity @ 60°C (cSt)	Viscosity @ 80°C (cSt)	Viscosity @ 100°C (cSt)	Dynamic viscosity	Viscosity Index	Pour point C°	Flash point C°	Relative density 15°	Colour	Mixable	Application
LU-ST01A	1 lt.	Semi-Synthetic	5	19	90.4	37.7	19.2	11.3	7.3	5.1	22.8	218	-38	145	0.840	Green	Yes	Shock Absorbers Road
LU-ST01D	2 lt.																	
LU-ST01B	5 lt.																	
LU-ST01C	10 lt.																	
LU-ST02A	1 lt.	Semi-Synthetic	7.5	32	184	68.9	32.3	17.8	11	7.4	27.8	207	-35	214	0.860	Light Blue	Yes	Shock Absorbers Road
LU-ST02D	2 lt.																	
LU-ST02B	5 lt.																	
LU-ST02C	10 lt.																	

AlcoTech oil for SHOCK ABSORBERS

Product Line: SHOCK-PRO

Code	Qty	Base-Type	Nominal Wt	Nominal ISO	Viscosity @ 0°C (cSt)	Viscosity @ 20°C (cSt)	Viscosity @ 40°C (cSt)	Viscosity @ 60°C (cSt)	Viscosity @ 80°C (cSt)	Viscosity @ 100°C (cSt)	Dynamic viscosity	Viscosity Index	Pour point C°	Flash point C°	Relative density 15°	Colour	Mixable	Application
LU-SP02A	1 lt.	Synthetic PAOs + Esters	5	18	64.5	31	17.9	11.3	7.7	5.6	15	294	-53	160	0.835	Green	Yes	Shock Absorbers Road/Race-Track
LU-SP02D	2 lt.																	
LU-SP02B	5 lt.																	
LU-SP02C	10 lt.																	
LU-SP03A	1 lt.	Synthetic PAOs	7	29	148.8	58.9	29.1	16.5	10.6	7.1	24.5	223	-55	216	0.845	Light Green	Yes	Shock Absorbers Road
LU-SP03D	2 lt.																	
LU-SP03B	5 lt.																	
LU-SP03C	10 lt.																	

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AlcoTech oil for SHOCK ABSORBERS

Product Line: SHOCK-RACE

Code	Qty	Base-Type	Nominal Wt	Nominal ISO	Viscosity @ 0°C (cSt)	Viscosity @ 20°C (cSt)	Viscosity @ 40°C (cSt)	Viscosity @ 60°C (cSt)	Viscosity @ 80°C (cSt)	Viscosity @ 100°C (cSt)	Dynamic viscosity	Viscosity Index	Pour point C°	Flash point C°	Relative density 15°	Colour	Mixable	Application
LU-SR02A	1 lt.	Synthetic Esters	3.5	10	32.5	16.4	9.8	6.6	4.5	3.4	8	269	-54	160	0.825	Light blue	Yes	Shock Absorbers Race-Track / Off-Road
LU-SR02D	2 lt.																	
LU-SR02B	5 lt.																	
LU-SR02C	10 lt.																	
LU-SR03A	1 lt.	Synthetic Esters	5	15	53	26.3	15.1	9.7	6.6	4.9	12.7	295	-50	170	0.840	Light blue	Yes	Shock Absorbers Race-Track / Off-Road
LU-SR03D	2 lt.																	
LU-SR03B	5 lt.																	
LU-SR03C	10 lt.																	
LU-SR04A	1 lt.	Synthetic Esters	7	27	123.5	53.1	27.4	16.2	10.5	7.3	23.5	252	-46	184	0.856	Light blue	Yes	Shock Absorbers Race-Track
LU-SR04D	2 lt.																	
LU-SR04B	5 lt.																	
LU-SR04C	10 lt.																	

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AlcoTech oil for POWER-STEERING

Product Line: POWER-STEERING

Code	Qty	Base-Type	Nominal Wt	Nominal ISO	Viscosity @ 0°C (cSt)	Viscosity @ 20°C (cSt)	Viscosity @ 40°C (cSt)	Viscosity @ 60°C (cSt)	Viscosity @ 80°C (cSt)	Viscosity @ 100°C (cSt)	Dynamic viscosity	Viscosity Index	Pour point C°	Flash point C°	Relative density 15°	Colour	Mixable	Application
LU-PS02A	1 lt.	Synthetic PAOs + Esters	5	18	62.9	31.1	17.7	11.2	7.7	5.6	14.6	299	-53	158	0.820	Orange	No	Power-Steering
LU-PS02D	2 lt.																	
LU-PS02B	5 lt.																	
LU-PS02C	10 lt.																	
LU-PS03A	1 lt.	Synthetic PAOs + Esters	6	19	67.2	33	18.7	11.9	8.1	5.9	15.5	305	-59	165	0.825	Green	No	Power-Steering + Shock-Absorbers
LU-PS03D	2 lt.																	
LU-PS03B	5 lt.																	
LU-PS03C	10 lt.																	
LU-PS04A	1 lt.	Synthetic NA + PAOS	7.5	30	154	61.2	30.2	17.3	10.9	7.4	25	226	-52	188	0.840	Red	No	Power-Steering + Transmission
LU-PS04D	2 lt.																	
LU-PS04B	5 lt.																	
LU-PS04C	10 lt.																	
LU-PS05A	1 lt.	Synthetic PAOs	10	40	197	80.5	39.8	22.6	14.3	9.7	33.9	242	-48	202	0.852	Amber	No	Power-Transmission
LU-PS05D	2 lt.																	
LU-PS05B	5 lt.																	
LU-PS05C	10 lt.																	

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AlcoTech special fluid EVI																		
Product Line: EVI																		
Code	Qty	Base-Type	Nominal Wt	Nominal ISO	Viscosity @ 0°C (cSt)	Viscosity @ 20°C (cSt)	Viscosity @ 40°C (cSt)	Viscosity @ 60°C (cSt)	Viscosity @ 80°C (cSt)	Viscosity @ 100°C (cSt)	Dynamic viscosity	Viscosity Index	Pour point C°	Flash point C°	Relative density 15°	Colour	Mixable	Application
LU-EVI02A	1 lt.	Synthetic Silicone	2.5	15	31.7	20.5	13.4	9.5	7.9	5.3	12.6	407	-75	170	0.930	Colourless	Yes	Steering-Dampers / Shock-Absorbers
LU-EVI02D	2 lt.																	
LU-EVI02B	5 lt.																	
LU-EVI02C	10 lt.																	
LU-EVI03A	1 lt.	Synthetic Silicone	7.5	40	94	62.6	42	29.8	22	16.7	39	410	-60	270	0.955	Colourless	Yes	Steering-Dampers / Shock-Absorbers
LU-EVI03D	2 lt.																	
LU-EVI03B	5 lt.																	
LU-EVI03C	10 lt.																	
LU-EVI04A	1 lt.	Synthetic Silicone	15	100	205	148	101	73	54	42.5	97.5	425	-55	290	0.965	Colourless	Yes	Shock-Absorbers RC-MODEL
LU-EVI04D	2 lt.																	
LU-EVI04B	5 lt.																	
LU-EVI04C	10 lt.																	
LU-EVI05A	1 lt.	Synthetic Silicone	40	350	607	465	324	236	177	138	316	450	-53	310	0.975	Colourless	Yes	Shock-Absorbers RC-MODEL
LU-EVI05D	2 lt.																	
LU-EVI05B	5 lt.																	
LU-EVI05C	10 lt.																	
LU-EVI06A	1 lt.	Synthetic Silicone	90	1000	2310	1516	1005	697	504	376	985	470	-50	330	0.980	Colourless	Yes	Shock-Absorbers RC-MODEL
LU-EVI06D	2 lt.																	
LU-EVI06B	5 lt.																	
LU-EVI06C	10 lt.																	

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AlcoTech Additives				
Code	Line	Qty	Specs	Application
LU-DA01A LU-DA01B	Race	500 ml. 1 lt.	Friction modifier fluid	Mineral / Synthetic fluids (Front Forks + Shock-Absorbers + Steering Dampers)

AlcoTech Grease for suspensions										
Code	Line	Qty	Base-Type	Specs	NLGI grade	Temp. Range °C	Dropping point C°	Colour	Mixable	Application
LU-GP01A LU-GP01B	Pro	100 gr. 1 Kg.	Esters + PAOs + PTFE	Synthetic Grease + Micronized PTFE	2	- 30 / + 230	290	Yellow	No	Multi-purpose (Dynamic seals + Surfaces)
LU-GR01A LU-GR01B	Race	100 gr. 1 Kg.	Silicone + Boron	Synthetic Grease + boron nitride hexagonal	2	- 45 / + 250	300	White	No	Dynamic Seals (Hydraulic + Pneumatic)
LU-GB01A LU-GB01B	Brake	100 gr. 1 Kg.	PAG	Synthetic Brake Grease	1	- 50 / + 280	320	Yellow	No	Braking Systems

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AlcoTech Brake Fluid																
Product Line: BRAKE FLUID																
Code	Line	Qty	Spec.	Base-Type	Viscosity @ -40°C (cSt)	Viscosity @ +20°C (cSt)	Viscosity @ +100°C (cSt)	Dry boiling point C°	Wet boiling point C°	pH	Pour point C°	Flash point C°	Relative density 15°	Colour	Mixable	Application
LU-BT01A	Tech1	250 ml.	DOT 4	Synthetic Polyglycols	855	18.2	2.7	265	190	7.5	-50	190	1035	Yellow	Yes DOT 3/5.1	Road/Off-Road
LU-BT01B	Tech1	500 ml.														
LU-BT02A	Tech2	250 ml.	DOT 5.1	Synthetic Polyglycols	810	14.7	2.2	275	188	7.4	-55	175	1068	Yellow	Yes DOT 3/4	Road/Off-Road
LU-BT02B	Tech2	500 ml.														
LU-BP01A	Pro	250 ml.	DOT 5 SIL	Synthetic Polydimethylsiloxane	260	23	6.1	272	210	Neutral	-60	215	0.960	Violet	No	Road/Military and vintage vehicles
LU-BP01B	Pro	500 ml.														
LU-BR01A	Race	250 ml.	DOT 4 ULTRA	Synthetic Polyglycols	1440	19.7	2.6	328	220	7.1	-40	160	1082	Amber	Yes DOT 3/5.1	Race Track/Off-Road
LU-BR01B	Race	500 ml.														
LU-BE01A	Extra1	250 ml.	LHM	Mineral Fluid	1050	30.4	6.3	270	170		-62	128	0.845	Green	Yes LHM+	MTB / Hydraulic clutch / Raad Track / Industrial
LU-BE01B	Extra1	500 ml.														
LU-BE02A	Extra2	250 ml.	LHM +	Semi-Synthetic Fluid	1230	47	7.2	280	180		-63	159	0.835	Green	Yes LHM	Hydraulic circuit / Raad Track / Industrial Vehicles
LU-BE02B	Extra2	500 ml.														

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AlcoTech Cleaners								
Code	Qty	Type	Evaporation	Grade	Aspect	Features	Use	Range temp. C°
CL-011 CL-012 CL-013	1 lt. 5 lt. 10 lt.	Synthetic degreasing	Rapid evaporation	20	Colourless liquid	Odourless	Spray	- 20 / + 40
CL-021 CL-022 CL-023	1 lt. 5 lt. 10 lt.	Synthetic degreasing	Medium evaporation	40	Colourless liquid	Odourless	Multipurpose	- 25 / + 50
CL-031 CL-032 CL-033	1 lt. 5 lt. 10 lt.	Synthetic degreasing	Slow evaporation	60	Colourless liquid	Odourless	Immersion	- 30 / + 60