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Swiss Petroleum®

Innovation For The Next Generation™

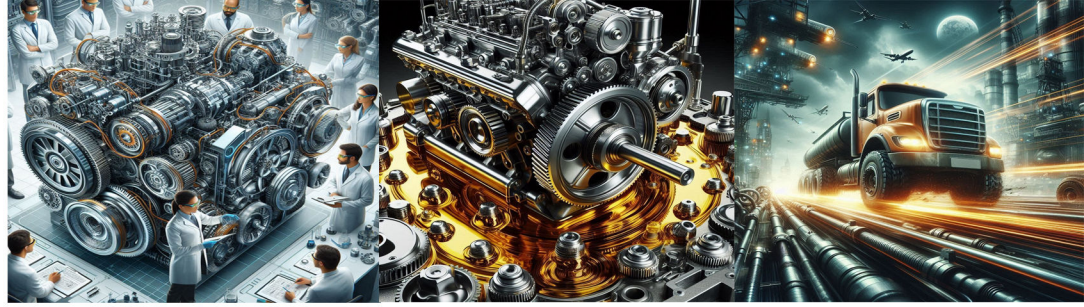
Swiss Premium Quality
High Performance Lubricants
Automotive, Industrial and
Speciality Lubricants



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About Us

Swiss Petroleum is an ISO 9001-2015, ECAS / ESMA and API certified Company. Swiss Petroleum is a leading manufacturer with group of corporate and production partner's having two Fully Automated Plants. Designed and equipped from France & Germany which utilizes the latest innovative technology methods with International standards and specification of blending parameters.

The latest high accuracy filling and packing facility equipped from Italy. Fully Automatic facility runs the operations by robots and Conveyors to minimize human interference. We are capable of filling and packing the 250MT per day product of various sizes. The Each Factory is able to manufacture 75,000 MT per annum of different formulations and specifications, keeping high parameters of non-contamination and quality standards.

All the storage tanks are complying with API 650 standards, Pipelines being equipped with a pigging lines. The Facilities are equipped with the latest laboratory equipments for testing the parameters and behaviors of Lubricants. We provides all types of packagings as:

1L, 2L, 3L,4L, 5L, 10L, 15L, 20L, 25L, 208L, and Bulk Filling in the Italian Innovative weight filling machines.

Filling/Packing Capacity.

1L-5L Bottles - 80ton/day
20L Jerry Can - 70ton/day
208L Drums - 250ton/day

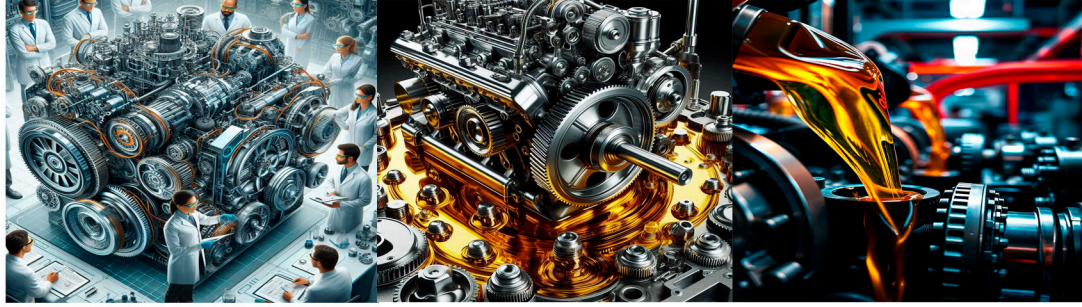
Our Mission

To manufacture and market high quality products to satisfy customer needs globally and constantly thrive to conduct business in a transparent, trustworthy and safe manner through team work, integrity and innovation

Our Vision

To be at the forefront of petroleum products specially in lubrication technology as we develop lubricants that exceed industry expectation and requirements, we offer outstanding performance in creating value





Advanced Premium Products

Swiss Petroleum offers high-performance engine oils and lubricants engineered to meet and exceed global industry standards. Our flagship products, Swiss Royal QUARK, are designed for advanced gasoline engines, optimizing engine performance, fuel efficiency, and protection in various driving conditions.

Swiss Royal QUARK SAE 0W-16 API SP

Description: Swiss Royal QUARK is a PAO (Polyalphaolefin)-based, fully synthetic, low-friction motor oil designed with the latest API SP Technology. This advanced formula is ideal for high-output, direct-injected engines, providing enhanced protection against low-speed pre-ignition (LSPI) and extended service life.

Meets and Exceeds Standards: API SP, RC (Resource Conserving), ILSAC GF-6B, GM Dexos 1™ Gen 3.

Performance Level: API SP ECO.

Features & Benefits:

- Enhanced fuel economy
- Excellent anti-wear protection
- Exceptional low-temperature performance
- Improved engine efficiency

Swiss Royal QUARK SAE 0W-16 API SN

Description: Swiss Royal QUARK is a fully synthetic PAO-based engine oil specifically formulated for passenger cars, light trucks, and gasoline-powered equipment. Designed to work seamlessly with high-ethanol gasoline and non-turbocharged engines, Swiss Royal QUARK offers outstanding protection and efficiency in modern engines.

Meets and Exceeds Standards: API SN, RC (Resource Conserving), ILSAC GF-6B, GM Dexos 1™ Gen 3.

Performance Level: API SN.

Features & Benefits:

- Improved engine durability
- Excellent fuel economy
- Advanced protection at low temperatures
- Enhanced efficiency for gasoline engines

For detailed technical specifications or additional product information, please visit our website. Swiss Petroleums is dedicated to innovation and performance, ensuring that every product we offer exceeds expectations for reliability, efficiency, and environmental responsibility.





DIESEL ENGINE OIL

Description

Swiss TORQUE is a high-performance heavy duty engine oil for application of all naturally aspirated engines, turbo engines and highly stressed diesel engines. It is formulated with high quality virgin base oil and advanced additives to provide fairly long oil change intervals. It provides effective control with respect to piston cleanliness and bore polishing as well as excellent wear control, soot handling and engine oil stability. It offers great protection to critical components such as main bearings, turbochargers, and valve trains. It guarantees long drain interval and high wear protection.

It is recommended for high output naturally aspirated and turbo-charged diesel engines, for both on and off highway use for short and long distances, engines operating under severe conditions.

Benefits

- Efficient lubricating power in order to reduce friction over a wide range of operating temperature
- Protects against soot, varnish, and sludge formation
- Highly effective control over wear, corrosion and rust
- Exceptional resistance to oxidation and foaming
- Excellent detergency and dispersive properties which ensure a clean engine
- Improved protection during start-up by maintaining protective oil film

Application

It is recommended for use in heavy duty turbo-charged and naturally aspirated diesel engines in commercial vehicles, vans, passenger cars and heavy-duty services, for both on and off-highway use for short and long distances. It is also suitable for engines equipped with Exhaust Gas Re-circulation (EGR) and selective catalytic reduction (SCR/Adblue).

Technical Specifications

S.No	Test Description	Test Method	Results								
			40	50	5W30	10W30	5W4D	10W40	15W40	20W40	20W50
	SAE Grade		40	50	5W30	10W30	5W4D	10W40	15W40	20W40	20W50
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B	C & N	C & B	C & B
2	Color	ASTM-D1500	2	2.5	<2	<2	2	2	2.5	2.5	2.5
3	Viscosity @ 40°C, cst	ASTM-D445	148,2	225,3	80,65	90,96	116,2	133,6	137,7	142,2	225,9
4	Viscosity @ 100°C, cst	ASTM-D445	16,23	21,29	12,05	12,31	15,51	15,91	16,17	15,77	20,95
5	Viscosity Index	ASTM-D2270	116	113	145	130	141	126	125	116	110
6	Pour Point, °C	ASTM-D97	-8	-9	-41	-36	-42	-37	-33	-25	-28
7	Flash Point, °C (COC)	ASTM-D92	238	240	218	220	222	225	226	229	230
8	Water in Petroleum products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Density 15°C, Kg/L	ASTM-D1298	0,883	0,885	0,871	0,876	0,975	0,877	0,879	0,881	0,886
10	TBN, mg KOH/g	ASTM-D2896	6	7	11	10,5	11,5	11	12	11	11

Packing Size : 1L | 3L | 4L | 5L | 20L | 25L | 208L | BULK

These typical results are for existing production only, the blending specifications for our feature production may vary, hence any variation in these results will not effect the products performance.





MOTOR ENGINE OIL

Description

Swiss Gold QUARK is high performance multi-grade petrol engine oil formulated with high quality base stocks and selected additives to perform in all driving conditions from mild to severe. Swiss Gold QUARK is synthetic technology, high performance engine oil blended with synthetic based virgin base oil and most advanced additives. It offers excellent detergent and dispersant properties. It is fortified with special performance boosters that provide full engine protection from cold start and during normal operation. Its unique additive technology has cleaning properties that control sludge and deposit formation on engine surfaces. It offers excellent protection against wear and oxidation. It prevents formation of sludge and control viscosity change. Easy and smooth start up at low temperatures. It offers excellent protection against corrosion and rust and offers easy start-up in hot and cold weather conditions. It reduces fuel consumption. It offers good oxidation and thermal stability and battles deposits and sludge formation

Benefits

- Improved control of volatility and oil consumption
- Protects against soot, varnish, and sludge formation
- Highly effective control over wear, corrosion and rust
- Exceptional resistance to oxidation and foaming
- Excellent dispersive and detergent properties which ensure a clean engine
- Improved protection during start-up by maintaining protective oil film

Application

Swiss Gold QUARK is recommended for use in naturally aspirated and multi-valve fuel injected engines. It is recommended for use in all engines where OEM recommends API SL, SN and SP specifications. It also is recommended for all light and commercial vehicles with direct injection, turbo-charged, multi-valves and normal engines in general with high performance level, cars using lead-free gasoline and selective catalytic reduction (SCR/Adblue).

Technical Specifications

S.No	Test Description	Test Method	Results								
			SAE Grade								
			40	50	5W30	10W30	5W4D	10W40	15W40	20W40	20W50
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B	C & N	C & B	C & B
2	Color	ASTM-D1500	2	2.5	<2	<2	2	2	2.5	2.5	2.5
3	Viscosity @ 40°C, cst	ASTM-D445	146,4	213,3	80,81	88,75	212,8	133,1	130.3	139,8	201,1
4	Viscoasity @ 100°C, cst	ASTM-D445	16,01	20,87	11,91	12,15	15,81	16,11	15,79	15,50	20,5
5	Viscosity Indes	ASTM-D2270	115	116	142	132	138	129	128	115	120
6	Pour Point, °C	ASTM-D97	-9	-8	-42	-37	-41	-36	-32	-27	-26
7	Flash Point, °C (COC)	ASTM-D92	235	238	215	219	223	222	225	230	232
8	Water in Petroleum products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Density 15°C, Kg/L	ASTM-D1298	0,880	0,886	0,870	0,875	0,876	0,875	0,878	0,880	0,883
10	TBN, mg KOH/g	ASTM-D2896	4,5	6	8	8	8,5	8,5	9,5	9	9

Packing Size : 1L | 3L | 4L | 5L | 20L | 25L | 208L | BULK

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AUTOMOTIVE GEAR OIL

Description

SWISS Gear Oil is a premium quality heavy duty multipurpose lubricant formulated from high quality mineral base oils and extreme pressure additives for use in gear boxes, axles, transfer cases and hypoid gears operating under very severe operating conditions. The product range includes mono and multi-grade version to satisfy the viscosity requirements of various equipments.

Benefits

- Excellent stability for a longer service Life
- Excellent load carrying capabilities
- Highly effective control over wear, corrosion and rust
- Excellent transmission life
- Excellent noise suppression and smooth gear shift

Application

It is formulated for use in all spur, helical, spiral, bevel and hypoid gear applications in commercial vehicles, passenger cars and contracting equipments

Technical Specifications

S.No	Test Description	Test Method	Result					
			90	140	75W80	75W90	80W90	85W140
	SAE Grade		90	140	75W80	75W90	80W90	85W140
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	2,5	3,0	<2.5	<2,5	2,5	3,5
3	Viscosity @ 40°C, cst	ASTM-D445	190	359	76,21	172,7	140,1	344
4	Viscosity @ 100°C, cst	ASTM-D445	17,51	26,01	10,80	16,95	15,01	25,5
5	Viscosity Index	ASTM-D2270	100	96	130	105	108	97
6	Pour Point, °C	ASTM-D97	-21	-15	-42	-42	-30	-19
7	Flash Point, °C (COC)	ASTM-D92	220	224	220	222	218	222
8	Water in Petroleum products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil
9	Density 15°C, Kg/L	ASTM-D1298	0,8792	0,8886	0,8612	0,8811	0,8819	0,8852

Packing Size : 1L | 3L | 4L | 5L | 20L | 25L | 208L | BULK

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INDUSTRIAL GEAR OIL

Description

SWISS Industrial Gear Oils are premium quality lubricant designed primarily for lubrication of heavy duty industrial gears operating under severe conditions. The product is having outstanding Extreme Pressure and load-carrying properties in order to provide optimum protection for gears, bearings and seals

Benefits

- Excellent load-carrying capacity
- Excellent thermal and oxidation stability
- Rust and corrosion protection
- Excellent lubricity and good anti-foam properties
- Minimize friction, resulting in reduced bulk oil temperature
- Effective demulsibility for rapid water separation

Application

It is formulated for use in all types of enclosed gear drives with circulation or splash lubrication systems representing load and speed conditions of extreme severity. It is also suitable for the lubrication of worm gear units. Although designed primarily for the lubrication of gears, their high overall performance makes it possible to extend their use to system involving gears, plain bearings, rolling bearings and sliding surfaces.

Technical Specifications

S.No	Test Description	Test Method	Result						
			60	100	150	220	320	460	680
	SAE Grade		60	100	150	220	320	460	680
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	2,5	2,5	2,5	3	3,5	3,5	3,5
3	Viscosity @ 40°C, cst	ASTM-D445	68,00	100,0	150,0	220,0	320,0	460,0	680,0
4	Viscosity @ 100°C, cst	ASTM-D445	8,655	11,25	140,80	18,75	23,90	30,35	35,85
5	Viscosity Index	ASTM-D2270	98	96	98	95	95	95	85
6	Pour Point, °C	ASTM-D97	-18	-18	-16	-14	-13	-13	-12
7	Flash Point, °C (COC)	ASTM-D92	234	234	226	232	234	238	236
8	Water in Petroleum products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Density 15°C, Kg/L	ASTM-D1298	0,8860	0,8940	0,8960	0,9025	0,9030	0,9030	0,9245

Packing Size : 1L | 3L | 4L | 5L | 20L | 25L | 208L | BULK

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HYDRAULIC OIL

Description

SWISS Hydraulic Oil is a premium quality heavy duty lubricant formulated with highly refined base stocks and well balanced package of advanced anti-corrosion, antioxidant and antifoam additives. The product is available in different ISO Viscosity Grades to suit the ambient operating temperature requirements.

Benefits

- Extend oil drain interval
- Outstanding thermal and hydraulic stability
- Excellent demulsibility characteristic and good shear stability
- Exceptional resistance to oxidation and foaming
- Highly effective for control over wear, corrosion and rust
- Low pour point ensure good fluidity in cold climates

Application

It is formulated for use in high pressure hydraulic systems, in all mobile and stationary equipments, operating under severe working conditions. It is also used for circulation systems, compessor, pump, bearing and gear lubrication where recommended.

Technical Specifications

S.No	Test Description	Test Method	Result						
			60	100	150	220	320	460	680
	SAE Grade		60	100	150	220	320	460	680
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	2,5	2,5	2,5	3	3,5	3,5	3,5
3	Viscosity @ 40°C. cst	ASTM-D445	68,00	100,0	150,0	220,0	320,0	460,0	680, 0
4	Viscosity @ 100°C, cst	ASTM-D445	8,655	11,25	140,80	18,75	23,90	30,35	35, 85
5	Viscosity Indes	ASTM-D2270	98	96	98	95	95	95	85
6	Pour Point, °C	ASTM-D97	-18	-18	-16	-14	-13	-13	-12
7	Flash Point, °C (COC)	ASTM-D92	234	234	226	232	234	238	236
8	Water in Petroleum products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Density 15°C, Kg/L	ASTM-D1298	0,8860	0,8940	0,8960	0,9025	0,9030	0,9030	0,9245

Packing Size : 1L | 3L | 4L | 5L | 20L | 25L | 208L | BULK

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AUTOMATIC TRANSMISSION FLUID

Description

SWISS ATF is a premium quality multi-purpose fluid which can be used in automatic transmissions and power steering units of many types of vehicles. It is designed to withstand high pressure encountered in hydrostatic systems. It has high viscosity index, low pour point and special additives to increase oxidation resistance, rust, corrosion protection and anti-wear properties.

Benefits

- Excellent oxidation resistance and thermal stability
- Suitable for both automotive and industrial applications
- Highly effective control over wear, corrosion and rust
- Ensures efficient operation of power steering units under all conditions
- Proper frictional properties for smooth shifting and excellent anti-shudder performance

Application

It is formulated for use in all type of automatic gears, torque converters, transmission systems, power steering and hydraulic circuits

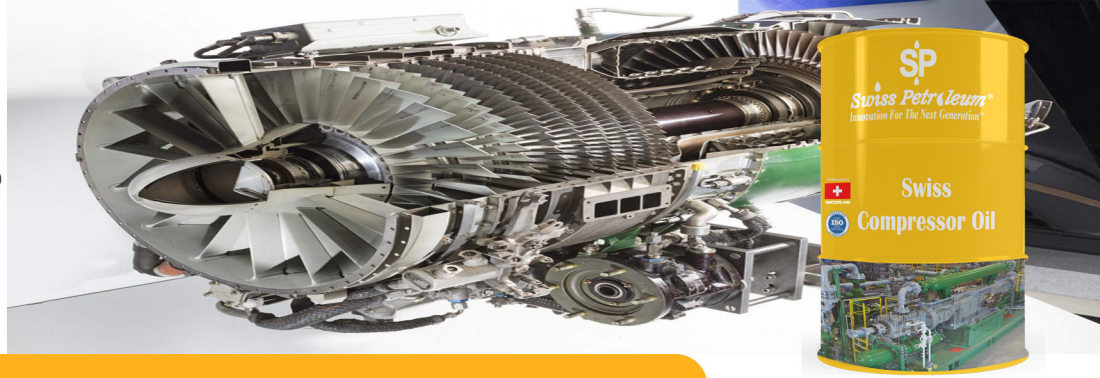
Technical Specifications

S.No	Test Description	Test Method	Result						
			Type A	II	III	IV	V	VI	220
	SAE Grade								
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	Red	Red	Red	Red	Red	Red	<2.5
3	Viscosity @ 40°C, cst	ASTM-D445	51,35	46,01	46,05	40,31	40,99	37,01	220
4	Viscosity @ 100°C, cst	ASTM-D445	7,501	7,001	6,953	7,211	7,345	6,812	20,09
5	Viscosity Index	ASTM-D2270	109	110	108	144	145	145	105
6	Pour Point, °C	ASTM-D97	-20	-23	-25	-40	-42	-44	-12
7	Flash Point, °C (COC)	ASTM-D92	200	200	206	215	218	220	216
8	Water in Petroleum products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Density 15°C, Kg/L	ASTM-D1298	0,851	0,862	0,865	0,866	0,867	0,867	0,877

Packing Size : 1L | 3L | 4L | 5L | 20L | 25L | 208L | BULK

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COMPRESSOR OIL

Description

SWISS Compressor Oil is a premium quality lubricant designed to meet the stringent requirements of the major compressor manufacturers. The product is formulated with high quality paraffinic base oils combined with superior additive package designed to promote oxidation resistance, corrosion protection and robust extreme pressure characteristics

Benefits

- Very good oxidation resistance.
- Effective Air release and anti-foam properties.
- Excellent rusting and wear protection properties.
- Maintains internal surface cleanliness and longer oil drains intervals
- Extending the service life of the separating filter elements.

Application

It is formulated for use in all types of high performance rotary air compressors/screw compressors and vacuum pump both for stationary and mobile applications. It can also be used in journal bearing and antifriction bearings for fans operating at high speed and temperatures.

Technical Specifications

S.No	Test Description	Test Method	Result						
			22	32	46	68	100	150	220
	SAE Grade								
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	2,0	2,0	2,0	2,0	2,0	<2,5	<2,5
3	Viscosity @ 40°C, cst	ASTM-D445	22,5	32,0	46,0	68,0	100,0	150,0	220,0
4	Viscosity @ 100°C, cst	ASTM-D445	4,35	5,37	6,74	8,81	11,29	15,25	20,09
5	Viscosity Index	ASTM-D2270	98	99	98	100	98	102	105
6	Pour Point, °C	ASTM-D97	-12	-16	-14	-14	-15	-14	-12
7	Flash Point, °C (COC)	ASTM-D92	201	204	208	208	210	212	216
8	Water in Petroleum products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Density 15°C, Kg/L	ASTM-D1298	0,864	0,865	0,869	0,873	0,873	0,875	0,877

Packing Size : 5L | 20L | 25L | 208L | BULK

These typical results are for existing production only, the blending specifications for our future production may vary, hence any variation in these results will not effect the products performance.





2T & 4T MOTORCYCLE OIL

Description

SWISS 4T Motorcycle Oil is a premium quality multi grade lubricant formulated with highly refined paraffinic base stocks with high performance clutch fabrication additive packages.
SWISS 2T Motorcycle Oil is a premium quality lubricant formulated for lubrication of two-stroke gasoline engines such as motorcycle, scooters, lawn mowers, chain saws, domestic and horticultural machines

Benefits

- Quicker ignition
- Highly effective control over wear, corrosion and rust
- Low smoke, low ash formation
- Strong lubrication film and high oxidation stability provide excellent high-temperature resistance
- Reduces spark plug fouling and piston deposit

Application

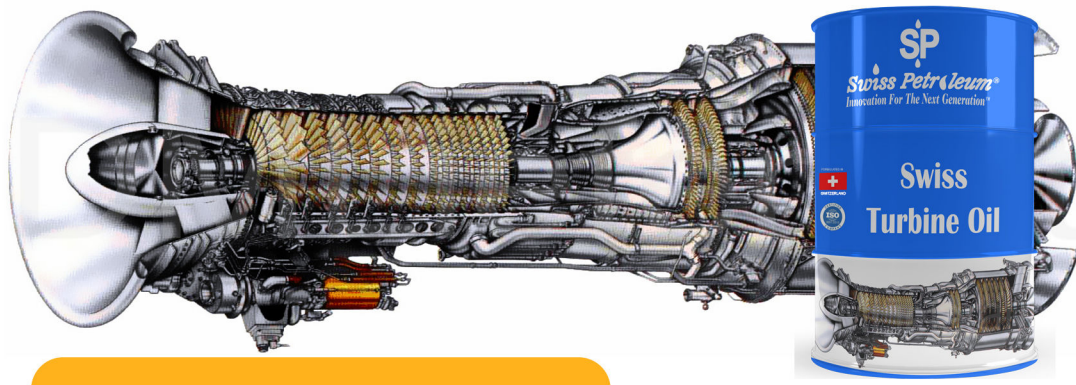
SWISS 4T Motorcycle Oil is formulated for use in passenger cars, light duty diesel & Four-Stroke engines. SWISS 2T Motorcycle Oil is formulated for use in all type of two-stroke engines and two & three wheelers where API TC and JASO FC are required

Technical Specifications

S.No	Test Description	Test Method	Result				
			2T SAE 20	2T SAE 30	4T 10W 40	4T 20W 40	4T 20W 40
	SAE Grade		2T SAE 20	2T SAE 30	4T 10W 40	4T 20W 40	4T 20W 40
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	Green/ Blue	Green/Blue	2,5	2,5	2,5
3	Viscosity @ 40°C. cst	ASTM-D445	71,87	107,2	150,3	150,3	229,2
4	Viscosity @ 100°C. cst	ASTM-D445	9,125	11,97	15,86	15,86	20,65
5	Viscosity Index	ASTM-D2270	102	101	110	110	106
6	Pour Point, °C	ASTM-D97	-13	-15	-25	-25	-27
7	Flash Point, °C (COC)	ASTM-D92	210	212	229	229	235
8	Water in Petroleum products	ASTM-D95	Nil	Nil	Nil	Nil	Nil
9	Density 15°C, Kg/L	ASTM-D1298	0,875	0,879	0.875	0.875	0,881
10	TBN, mg KOH/g		5,5	5,5	6	6	7

Packing Size : 1L | 3L | 4L | 5L | 20L | 25L | 208L | BULK

These typical results are for existing production only, the blending specifications for our future production may vary, hence any variation in these results will not effect the products performance.



TURBINE OIL

Description

SWISS Turbine oil is a premium quality lubricant specially designed for the lubrication of hydraulic, steam or gas turbines. The product is blended from highly refined base oils with high quality additives inhibited to enhance their rust and oxidation properties. The performance features of Swiss Turbine Oil translates into excellent equipment protection, reliable operation, with reduced downtime and extended oil change life.

Benefits

- High oxidation resistance, antifoam, air and water release performances.
- Excellent Thermal and Oxidation stability
- High antiwear properties allowing the lubrication of the gear boxes driven by the turbine.
- Rust and corrosion protection

Application

It is formulated for use in all types of steam engines, industrial steam turbines, turbines air compressors and certain oil-lubricated bearings. The product can also be used in centrifugal compressors or turbochargers. It meets or exceeds the requirements of major steam and gas turbine builders in the appropriate recommended grade.

Technical Specifications

S.No	Test Description	Test Method	Result			
			32	46	68	100
	SAE Grade					
1	Appearance	Visual	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	2.5	2.5	2.5	<3.0
3	Viscosity @ 40°C, cst	ASTM-D445	32,0	46,0	68,0	100,0
4	Viscosity @ 100°C, cst	ASTM-D445	5,37	6,74	8,81	11,29
5	Viscosity Index	ASTM-D2270	99	98	100	98
6	Pour Point, °C	ASTM-D97	-24	-22	-20	-19
7	Flash Point, °C (COC)	ASTM-D92	204	208	212	226
8	Water in Petroleum products	ASTM-D95	Nil	Nil	Nil	Nil
9	Density 15°C, Kg/L	ASTM-D1298	0,865	0,869	0.873	0.872
10	TBN, mg KOH/g	ASTM-S3427	2.5	2.9	3,6	5.0

Packing Size : 1L | 3L | 4L | 5L | 20L | 25L | 208L | BULK

These typical results are for existing production only, the blending specifications for our future production may vary, hence any variation in these results will not affect the products performance.



MARINE OIL

Description

SWISS Marine Oil is a premium quality high performance mono-grade marine lubricant formulated in order to meet the requirements of medium speed diesel engines continuously working under full load condition. The product is available in different base number and viscosity grades to suit most marine engine requirements. The series are designed with advance additive package to provide balance of detergency and dispersancy to attain the long drain interval with maximum protection of engine components.

Benefits

- Improved control of volatility and oil consumption
- Highly effective control over wear, corrosion and rust
- Exceptional resistance to oxidation and foaming
- Excellent detergency and dispersive properties which ensure a clean engine
- High degree of water tolerance, water separation and base retention properties
- Reduces sludge formation and enhances engine performance for longer period of time

Application

It is formulated for use in medium speed trunk piston diesel engines operating on high sulphur residual fuels

Technical Specifications

S.No	Test Description	Test Method	Result						
			3030	3040	4030	4040	5040	5050	5060
	Product Code		3030	3040	4030	4040	5040	5050	5060
	SAE Grade		30	30	40	40	50	50	50
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	<3	<3	<3	<3	<3	<3	<3
3	Viscosity @ 40°C, cst	ASTM-D445	107,6	113,7	167,3	158,8	256,5	224,5	224,1
4	Viscosity @ 100°C, cst	ASTM-D445	11,86	12,25	16,11	15,65	20,95	19,87	19,59
5	Viscosity Index	ASTM-D2270	99	98	100	101	97	102	100
6	Pour Point, °C	ASTM-D97	-158	-16	-16	-18	-16	-19	-15
7	Flash Point, °C (COC)	ASTM-D92	230	233	228	232	230	226	225
8	Water in Petroleum products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Density 15°C, Kg/L	ASTM-D1298	0,883	0,885	0,871	0,876	0,875	0,879	0,882
10	TBN, mg KOH/g	ASTM-S3427	30	40	30	40	40	50	70

Packing Size : 1L | 3L | 4L | 5L | 20L | 25L | 208L | BULK

These typical results are for existing production only, the blending specifications for our feature production may vary, hence any variation in these results will not effect the products performance.





OUTBOARD OIL

Description

SWISS Outboard Oil is a premium quality ashless two-stroke outboard lubricant formulated from high quality mineral base oils and ashless additive package. It is developed for high powered water cooled outboard engines fitted with oil-injection or premix systems and provides very good level of cleanliness and protection.

Benefits

- Effectively protects metal surfaces from corrosion
- Excellent low-temperature pumpability for all applications
- Provides maximum engine protection against rust, corrosion and sludge deposits
- Protects against failures due to scuffing, ring sticking, port deposits, bearing failures and plug fouling

Application

It is formulated for use in all water cooled two-stroke outboard engines where TC-W3 or earlier is required.

Technical Specifications

S.No	Test Description	Test Method	Result
1	Appearance	Visual	C & B
2	Color	ASTM-D1500	Blue / Green
3	Viscosity @ 40°C. cst	ASTM-D445	62,47
4	Viscosity @ 100°C, cst	ASTM-D445	8,521
5	Viscosity Index	ASTM-D2270	108
6	Pour Point, °C	ASTM-D97	-18
7	Flash Point, °C (COC)	ASTM-D92	102
8	Water in Petroleum products	ASTM-D95	Nil
9	Density 15°C, Kg/L	ASTM-D1298	0,879
10	TBN, mg KOH/g	ASTM-S3427	5,2

MOTOR FLUSHING OIL

Description

SWISS Flushing Oil is a Premium Quality Lubricant manufactured specially for flushing automotive, industrial and agricultural engines, gear boxes, transmission and hydraulic systems. The product is compatible with other petroleum lubricants used in circulating systems

Benefits

- Safely remove engine deposits and contaminants
- Circulates freely, reaching even remote locations
- Protects surfaces from rusting
- Anti-sludge and varnish resistant

Application

It is formulated for use in the flushing of four stroke gasoline and light duty diesel engines during the oil change process. It cleans the crankcase, cylinder walls, pistons and rings for maximum efficiency, protection and performance

S.No	Test Description	Test Method	Result
1	Appearance	Visual	C & B
2	Color	ASTM-D1500	2.5
3	Viscosity @ 40°C. cst	ASTM-D445	32
4	Viscosity @ 100°C, cst	ASTM-D445	5.1
5	Viscosity Index	ASTM-D2270	95
6	Pour Point, °C	ASTM-D97	-15
7	Flash Point, °C (COC)	ASTM-D92	204
8	Water in Petroleum products	ASTM-D95	Nil
9	Density 15°C, Kg/L	ASTM-D1298	0,867

Packing Size : 1L | 3L | 4L | 5L | 20L | 25L | 208L | BULK

These typical results are for existing production only, the blending specifications for our feature production may vary, hence any variation in these results will not effect the products performance.





GREASE

Description

SWISS Grease is a premium quality multipurpose grease formulated with high quality base oils and a set of additive packages which includes oxidation and rust inhibitors. It is recommended for automotive and industrial applications operating in moderate temperatures and load. In general, it is intended to lubricate chassis components, wheel bearings, clutch bearings, universal joints and ball joints.

Benefits

- Excellent shear and oxidation stability which ensures satisfactory performance
- Effective lubrication under boundary condition
- High control over bearing components against rust
- Forms a thick tenacious coating on metal surfaces
- Good protection to metal surfaces from corrosion and high resistance to vibration

Application

It is formulated for use in automotive applications where a single product can satisfy the multiple service requirements. It is suitable for wheel bearing linkages, suspensions and general chassis lubrication over a wide range of temperatures. For extreme pressure usage, Lithium based grease is recommended as bearing is subjected to shock loading.

We also Manufacturer NLGI - 2 Calcium Sulphonate Complex

Technical Specifications

S.No	Test Description	Test Method	Result		
	NLGI		2		
	Soap Type		Lithium	Lithium	Lithium
1	Appearance	Visual	Yellow	Yellow	Yellow
2	Petration worked 025 C	ASTM-D217	265-295	220-250	220-250
3	Dropping Point	ASTM-D566	205	211	95

Packing Size : 50g | 100g | 200g | 500g | 1kg | 2kg | 3kg | 5kg | 10kg | 18kg | 185kg

These typical results are for existing production only, the blending specifications for our feature production may vary, hence any variation in these results will not effect the products performance.



BRAKE FLUID

Description

SWISS brake fluid is a premium quality fluid that has exceptional anti vapor lock properties, thus effectively minimizing the risk of brake failure at very high temperatures experienced in modern disc brake systems. It is compatible with the various metals used in braking systems and offers excellent protection from corrosion and wear.

Benefits

- Excellent Lubricity Properties
- Smooth and Safe Braking
- Very Good Seal Compatibility
- Highly Effective Control Over Wear, Corrosion and Rust

Application

It is formulated for use in automotive disc brake systems and all hydraulic brake systems with the exception of those where a mineral oil based fluid is required. It is suitable for use where the vehicle manufacturer specifies either DOT 3 or DOT 4 fluids.

Technical Specifications

S.No	Test Description	Test Method	Results	
			DOT-3	DOT-4
	Type		DOT-3	DOT-4
1	Appearance	Visual	Light Amber	Light Amber
2	Viscosity 0-40 C, mm / sec	ASTM-D2903	< 1500	< 1300
3	Viscosity @ 100 C, cst	ASTM-D445	>1.5	>1.5
4	PH	ASTM-D1121	7-11.5	7-11.5
5	ERBP, C	SAE J1703	240	265
6	Wet ERBP, C	SAE J1703	148	163

COOLANT / ANTIFREEZE

Description

SWISS Coolant/Antifreeze is a premium quality concentrated ethylene glycol based engine coolant/antifreeze. It is formulated with the latest organic technology which gives long time protection and is suited for year-round use in cars, in light and heavy-duty trucks specially made for cooling system components.

Benefits

Protect the cooling system against freezing in winter and boil-over in summer. Chemical inhibitors minimize corrosion of copper, solder, brass, steel, cast, cast iron, and aluminum metals which are commonly used in coolant systems.

Application

It is formulated for use as a radiator coolant / antifreeze for all kinds of passenger cars, heavy vehicles, and industrial generators. It can be used in 30% - 70% concentrated ethylene glycol as per freezing and boiling point requirements.

S.No	Physical Properties	Results		
		100 %	50 %	30 %
	Antifreeze Concentration	100 %	50 %	30 %
1	Appearance	Green / Red	Green / Red	Green / Red
2	Viscosity 0 -20 C, Kg/L	1.109	1.056	1.041
3	Boiling Point, C	160	120	115
4	Water Content, wt %	3.12	50	70
5	PH, 50% solution In Water	8,5	8,2	8,1
6	Freezing Point, C	-55	-37	-24

Packing Size : 1L | 3L | 4L | 5L | 20L | 25L | 208L | BULK

These typical results are for existing production only, the blending specifications for our future production may vary, hence any variation in these results will not affect the product's performance.





Swiss Product's Comparison With Global Brands

Segment	Swiss Petroleum	API	Viscosity GRADE	Shell	Castrol	Total
Diesel Engine Oil	Swiss TORQUE	CJ-4/SM	SAE 5W-30		Castrol ELIXION 5W-30	RUBIA TIR 9900 FE
Diesel Engine Oil	Swiss TORQUE	CJ-4/SM	SAE 10W-30	Shell Rimula R5 LE 10W-30 CJ-4	Castrol HYPURON 10W-30	RUBIA TIR 7900 10W-30
Diesel Engine Oil	Swiss TORQUE	CJ-4/SM	SAE 15W-40	Shell Rimula R4 L 15W-40 CJ-4	Castrol TECTION EXTRA 15W-40	RUBIA TIR 7900 10W-40
Diesel Engine Oil	Swiss TORQUE	CI-4/SL	SAE 5W-40			RUBIA TIR 7800 SYN NA
Diesel Engine Oil	Swiss TORQUE	CI-4/SL	SAE 10W-40	Shell Rimula R5 E 10W-40	Castrol VECTON LONG DRAIN 10W-40	RUBIA TIR 8900
Diesel Engine Oil	Swiss TORQUE	CI-4/SL	SAE 15W-40	Shell HELIX HX5 DIESEL CI-4		RUBIA TIR 7400
Diesel Engine Oil	Swiss TORQUE	CH-4/SJ	SAE 5W-30		Castrol Elixion 5W-30	
Diesel Engine Oil	Swiss TORQUE	CH-4/SJ	SAE 10W-30	Shell HELIX DIESEL HX 5		
Diesel Engine Oil	Swiss TORQUE	CH-4/SJ	SAE 15W-40	Shell HELIX HX5 DIESEL CH-4	Castrol RX SUPER MAX 15W-40	RUBIA TIR 6400 15W-40
Diesel Engine Oil	Swiss TORQUE	CG-4/SJ	SAE 15W-40	RIMULA R2 EXTRA MULTI 15W-40	Castrol RX SUPER PLUS	Total RUBIA 4400
Diesel Engine Oil	Swiss TORQUE	CF-4/SJ/SG	SAE 15W-40	Shell Rimula R2 Extra 15W-40 CF-4	CBR TURBO 15W-40	Total RUBIA FLEET CF-4 15W-40
Diesel Engine Oil	Swiss TORQUE	CF/CF-2/SF	SAE 10W-40	Shell HELIX HX 7 DIESEL	Castrol VECTON 10W-40	
Diesel Engine Oil	Swiss TORQUE	CF/CF-2/SF	SAE 50	Shell RIMULA R3 50	Castrol ASSURON 50	RUBIA S 50
Railroad Engine Oil	Swiss SP Railroad Engine Oil	CF	SAE 40	Shell CAPRINUS XR	Castrol RAILROAD ENGINE OIL	RALUBE
Petrol Engine Oil	Swiss Gold QUARK	SN/CF/CF-4	SAE 5W-40	Shell Helix Ultra 5W-40	Castrol EDGE 5W-40	QUARTZ 9000 5W-40
Petrol Engine Oil	Swiss Gold QUARK	SN/CF/CF-4	SAE 5W-30	Shell Helix Ultra ECT 5W-30	Castrol EDGE 5W-30	QUARTZ 7000 FUTURE GF 5 5W-30
Petrol Engine Oil	Swiss Gold QUARK	SN/CF/CF-4	SAE 0W-40	Shell Helix Ultra 0W-40	Castrol EDGE 0W-40	
Petrol Engine Oil	Swiss Gold QUARK	SN/CF/CF-4	SAE 15W-40	Shell HELIX HX5 SN/CF		QUARTZ 5000 SN
Petrol Engine Oil	Swiss Gold QUARK	SM/CF/CF-4	SAE 10W-40		Castrol MAGNETIC 10W-40	QUARTZ 4000 SM 10W-40
Petrol Engine Oil	Swiss Gold QUARK	SM/CF/CF-4	SAE 20W-50			QUARTZ 4000 SM 20W-50
Petrol Engine Oil	Swiss Gold QUARK	SL/CF/CF-4	SAE 0W-40	Shell Helix Ultra 0W-30 SL/CF		QUARTZ 9000 ENERGY 0W-40
Petrol Engine Oil	Swiss Gold QUARK	SL/CF/CF-4	SAE 0W-30	Shell Helix Ultra 0W-30 SL A5/B5		QUARTZ 9000 ENERGY 0W-30
Petrol Engine Oil	Swiss Gold QUARK	SL/CF/CF-4	SAE 5W-30	Shell Helix Ultra 5W-30 SL/CF		CLASSIC 5W-30
Petrol Engine Oil	Swiss Gold QUARK	SL/CF/CF-4	SAE 5W-40	Shell HELIX ULTRA 5W-40		CLASSIC 5W-40
Petrol Engine Oil	Swiss Gold QUARK	SL/CF/CF-4	SAE 10W-40		Castrol GTX 10W-40	QUARTZ 4000 SL
Petrol Engine Oil	Swiss Gold QUARK	SL/CF/CF-4	SAE 15W-40	Shell HELIX HX3 15W-40	Castrol GTX 15W-40	QUARTZ 5000 15W-40
Petrol Engine Oil	Swiss Gold QUARK	SJ/CF/CF-4	SAE 5W-30			QUARTZ 300 SJ
Petrol Engine Oil	Swiss Gold QUARK	SJ/CF/CF-4	SAE 20W-50	Shell HELIX HX3 20W-50	Castrol GTX ORIGINAL 20W-50	QUARTZ 3000 SJ
CNG/LNG Engine Oil	Swiss Gold CNG Plus		SAE 15W-40	Shell ROTELLA T3 NG 15W-40	Castrol DURATEC NG 15W-40	
Motor Cycle Oil	Swiss 4T	SL	SAE 20W-50	Shell Advance 4T AX5 20W-50 SL		HI-PERF 4T SPECIAL
Motor Cycle Oil	Swiss 4T	SJ	SAE 20W-50		Castrol POWER 1 4T 20W-50	
Motor Cycle Oil	Swiss 2T	TC	SAE 30			
Motor Cycle Oil	Swiss 2T	TC	SAE 20	Shell Advance Ultra 2 15W-40 TC		HI-PERF 2T SPECIAL
Transmission Fluid	Swiss TRANSMISSION DEX VI	Dexron VI			Castrol POWER 1 RACING T2	DEXRON VI ATF
Transmission Fluid	Swiss TRANSMISSION DEX III	Dexron III G		Shell SPIRAX S3 ATF MD3	BP Autran Syn 295	FLUID XLD FE
Transmission Fluid	Swiss TRANSMISSION DEX II	Dexron II D		Shell SPIRAX S2 ATF D2	Castrol DEX II	FLUIDE IID
Transmission Fluid	Swiss TRANSMISSION DEX A	Type A			Castrol TRANMAX DEX III	
Transmission Fluid	Swiss TRANSMISSION CVT	CVT				FLUIDMATIC CVT MV
Transmission Fluid	Swiss LHM Plus Fluid					LHM PLUS
Transmission Fluid	Swiss UTTO	CF-4/GL-4	SAE 10W-30	Shell SPIRAX S4 TXM	Castrol UTF	Total MUTAGRI
Transmission Fluid	Swiss TO-4 HD 10W Fluid	TO-4/Allison C-4	SAE 10W-30		Castrol TRANS-C HT	DYNATRANS AC
Transmission Fluid	Swiss TO-4 HD 50 Fluid	TO-4/Allison C-4	SAE 50		Castrol TRANS-C	DYNATRANS AC
Automotive Gear Oil	Swiss GEAR OIL	GL-5	SAE 75W-90	Shell SPIRAX S6 AXME 75W-90	Castrol SYNGEAR 75W-90	
Automotive Gear Oil	Swiss GEAR OIL	GL-5	SAE 80W-90	Shell SPIRAX HD 80W-90	Castrol AP GEAR LUBRICANT	EP B 80W-90
Automotive Gear Oil	Swiss GEAR OIL	GL-4	SAE 75W-80		Castrol SYNTRANS Z 75W-80	TRANSMISSION GEAR 8 FE 75W-80
Automotive Gear Oil	Swiss GEAR OIL	GL-4	SAE 80W-90		Castrol MANUAL EP 80W-90	EP 80W-90
Automotive Gear Oil	Swiss GEAR OIL	GL-4	SAE 140	Shell SPIRAX S2 G 140		TRANSTEC
Brake Fluid	Swiss Halt 5.1	DOT 5.1			Castrol REACT PERFORMANCE DOT4	Total HBF 4
Brake Fluid	Swiss Halt 4	DOT 4		BRAKE & CLUTCH FLUID DOT 4	Castrol BRAKE FLUID DOT4	BRAKE FLUID DOT 3
Brake Fluid	Swiss Halt 3	DOT 3		BRAKE & CLUTCH FLUID DOT 3		
Coolant	Swiss COOL 50	50			Castrol Automotive Antifreeze	
Auto./Industrial Grease	Swiss SP2	Lithium	NLGI-2	Shell Gadus S2 V220 2		
Auto./Industrial Grease	Swiss SP2	Lithium	NLGI-2		Castrol HD Lithium	MUTIS COMPLEX SHD
Auto./Industrial Grease	Swiss SP3	Lithium	NLGI-3	Shell GADUS S2 V100 3		MUTIS COMPLEX SHD
Specialty Grease	Swiss SP LX 2	Lithium Complex	NLGI-2	Shell Gadus S3 V220C 2	Pyroplex Red	MUTIS COMPLEX EP
Specialty Grease	Swiss SP HD LX 2 Mining Grease	Lithium	NLGI-2			MUTIS COMPLEX ET MOLY
Specialty Grease	Swiss SP HT 2 Grease		NLGI-2			
Specialty Grease	Swiss SP Moly L 2	Lithium	NLGI-2	Shell Gadus S5 V100 2		
Industrial Gear Oil	SP EP (68, 100, 150, 220, 320, 460)	EP		Shell OMALA	Castrol Contractor Special	MULTIS MS 2
Industrial Gear Oil	SP HD (SYN) (220, 320, 460, 680)	HD			Castrol EP GEAR LUBRICANT	CARTER EP
Hydraulic Oil	Swiss SP AW (32, 46, 68, 100)	HL		Shell Tellus S2 M 32	Castrol PARADENE AW 32	CARTER SH
Hydraulic Oil	Swiss SP AW HVI (32, 46, 68, 100)	HLP		Shell Tellus S2 V	Castrol DUAL RANGE HV	AZOLLA ZS PLUS
Compressor Oil	Swiss Compral (32, 46, 68, 100, 150)			Shell Corena S2 P	AIRCOL PD	EQUIVIS ZS
Compressor Oil	Swiss Compral Synthetic (68, 100, 150)			Shell Corena S4 R	AIRCOL SN	DACNIS
Refrigeration Oil	Swiss Refrol Synthetic (32, 46, 68, 100)			Shell Clavus		DACNIS SE
Trunk Piston Engine Oil	Swiss Marine 2T Plus	API TCW III	SAE 20	Shell NAUTILUS TCW 3	Castrol OUTBOARD 2T	REFRIGERATION OIL 300
Trunk Piston Engine Oil	Swiss Marine 1230	API CD	SAE 30	Shell Gadinia 30	HLX 30	NAPTUNA 2T
Trunk Piston Engine Oil	Swiss Marine 1530	API CF	SAE 30	Shell Gadinia AL 30	MHP 153	DISOLA M 3015
Trunk Piston Engine Oil	Swiss Marine 1540	API CF	SAE 40	Shell Gadinia AL 40	MHP 154	DISOLA M 4015
Trunk Piston Engine Oil	Swiss Marine 2040	API CF	SAE 40	Shell Argina S 40	TLX PLUS 204	
Trunk Piston Engine Oil	Swiss Marine 3030	API CF	SAE 30	Shell Argina T 30	TLX PLUS 303	AURELIA TI 3030
Trunk Piston Engine Oil	Swiss Marine 3040	API CF	SAE 40	Shell Argina T 40	TLX PLUS 304	AURELIA TI 4030
Trunk Piston Engine Oil	Swiss Marine 4040	API CF	SAE 40	Shell Argina X 40	TLX PLUS 404	AURELIA TI 4040
Trunk Piston Engine Oil	Swiss Marine 5540	API CF	SAE 40		TLX 554	AURELIA TI 4055
Trunk Piston Engine Oil	Swiss Marine HD 40	API CH-4	SAE 40			DISOLA MT 40
Trunk Piston Engine Oil	Swiss Marine Ultra 15W40	API CI-4	SAE 15W-40			DISOLA W
System Oil	Swiss Marine SO 630	API CD	SAE 30	Shell Melina S 30	CDX 30	ATLANTA MARINE D 3005
Cylinder Oil	Swiss MCL 40, 50, 70, 100	API CF	SAE 40	Shell ALEXIA S4		
Cylinder Oil	Swiss MCL 40, 50, 70, 100	API CF-4	SAE 40			
Marine Gear Oil	Swiss MGO (68, 100, 150, 220)		SAE 50		Cyltech 70, Cyltech 40SX	TALUSIA
Marine Gear Oil	Swiss MGO Synthetic 220					EPONA Z
Turbine Oil	Swiss Optimus Turbine (32, 46, 68)		ISO VG 220	TURBO OIL T 32	PERFECTO T32	EPONA SA 200
Hydraulic Oil	Swiss SP Fire Resistant Hydraulic Fluid		ISO VG 32	Shell TURBO FLUID DR 46	Anvol SWX 46	PRESLIA 32
Transformer Oil	Swiss SP Transformer Oil Inhibited	IEC60296:2003		Inhibited Transformer Oil	Inhibited Transformer Oil	Total HYDRANSAFE HFC
Swiss Transformer Oil	Swiss SP Transformer Oil Uninhibited	IEC 296/1982		Inhibited Transformer Oil	Castrol Uninhibited Transformer Oil	Inhibited Transformer Oil
Swiss Cutting Oil	Swiss SP Neat Cutting Oil			Shell GARIA	Castrol VARIOCUT	Uninhibited Transformer Oil
Swiss Cutting Oil	Swiss SP Soluble Cutting Oil			Shell DROMUS B	Castrol ALUSOL	VALONA 10S
Swiss Textile Oil	Swiss SP TEXTOIL ISO VG 22		ISO VG 22	Shell TEXTILE NEEDLE OIL S2 M	Ultranit BW 22	LACTUCA 5304
Swiss Spindle Oil	Swiss SP Spindle Oil		ISO VG 10	Shell SPINDLE OIL 10	HYSYPIN SPINDLE OIL 10	TIXO SLIDE
Mould Release Agent	Swiss SP Mould Release Agent				Castrol ML-70 Form Oil	DROSERA MS
Swiss Quenching Oil	Swiss SP Quenching Oil		ISO VG 46	Shell Voluta		DRASTA 100S
Swiss Slide-ways Oil	Swiss SP Slide-ways Oil			Shell TONA S2	Castrol Way Lubricants	DROSERA H

This comparison table acts as a guide and does not constitute a recommendation by Swiss Petroleum. For specific application please visit our website www.swisspetroleum.net

