



CATALOG 2021

September 2021

www.synkraparts.com

In the 1980's in Milan, Italy, our company **KRAUTLI ELETTRICA S.R.L.** launched the now renowned SYNKRA brand, dedicated to those who appreciated an elite and exclusive product portfolio, including automotive alarm systems, keyless entry, glow plugs, rebuilt starters and alternators, windshield wipers and much more.

At that time, the **SYNKRA** products were only distributed within Italy. However, after the sale of Krautli Elettrica S.R.L. to Siemens Italia in 2003, the SYNKRA brand was discontinued.

As our customers in other parts of Europe became more demanding and requested innovative and competitive products, we quickly noticed that we were unable to satisfy that increasing need with our existing supplier product portfolio. As a result, we started sourcing products globally. To guarantee exclusivity and control of the brand quality, we registered and revitalized the SYNKRA brand.

In the past few years, Krautli has launched many new innovative and competitive products under the SYNKRA brand in Portugal and Switzerland with great success. And given our vast experience in these markets, we are also offering those products internationally.

SYNKRA offers a wide range of special niche products to clients who appreciate quality, innovative design and competitive pricing to best fit the needs of their markets. We are continuing to expand our product lines to meet the demand of a changing European automotive industry and remain committed to establishing long-lasting client relationships to bring them the best in product and service.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Markus Krautli', written in a cursive style.

Markus Krautli
President



Synkra cooling and antifreeze fluids are suitable for use in cooling circuits of internal combustion engines. Their general characteristics are: AC 10%, 20% and 30% with excellent thermal transfer properties. These are glycol-based products with additives of mineral origin. They ensure exceptional protection against corrosion in internal combustion engines and are recommended for vehicles built after the year 2000. The fluids are made of heavy cast metals, such as iron, and don't attack any other type of materials present in the engine joints or fluid pipes. They remain effective 12 to 18 months after application and maintain their characteristics up to 20,000 kilometers. It is, however, not recommended to use the Synkra cooling and antifreeze fluids in vehicles whose factory recommendation (OEMs) are "organic" products.

MEETS OR EXCEEDS THE STANDARDS: UNE 26-361-88"

Reference	Color	Base	Dilution	Capacity (L)
YAF 13304R	Pink	Inorganic	10%	5
YAF 13304G	Green	Inorganic	10%	5
YAF 13324R	Pink	Inorganic	20%	5
YAF 13324G	Green	Inorganic	20%	5
YAF 13324B	Blue	Inorganic	20%	5
YAF 13333R	Pink	Inorganic	30%	5
YAF 13333G	Green	Inorganic	30%	5
YAF 13333B	Blue	Inorganic	30%	5



Synkra Antifreeze Ready Mix 33% OAT (-18°C) fluids are antifreezes and refrigerants for direct use without dilution. They are developed according to the most modern technologies in automotive antifreezes OAT “Organic Acid Technology”; they are long-lasting and are highly efficient in engine components, including protection of materials such as aluminium and metal alloys. They are free of nitrites, amines, phosphates and silicates.

MEETS OR EXCEEDS THE STANDARDS:
UNE 26-361-88, ASTM D3306-00, SAE J 1034/91, BS 6580

Reference	Color	Base	Dilution	Capacity (L)
YAF 13386R	Pink	OAT	33%	5
YAF 13386G	Green	OAT	33%	5
YAF 13383R	Pink	OAT	50%	5
YAF 13383G	Green	OAT	50%	5
YAF 13383B	Blue	OAT	50%	5
YAF 13383Y	Yellow	OAT	50%	5
YAF 13383P	Violet	OAT	50%	5
YAF 13326R	Pink	OAT	Pure	1
YAF 13326G	Green	OAT	Pure	1
YAF 13326B	Blue	OAT	Pure	1
YAF 13326Y	Yellow	OAT	Pure	1
YAF 13326P	Violet	OAT	Pure	1
YAF 13327R	Pink	OAT	Pure	5

Synkra Antifreeze 50% OAT is a long-life antifreeze and refrigerant for direct use without dilution. The antifreeze Pure OAT is also a long-life antifreeze and refrigerant, but it is to be diluted (50%) with distilled water. They are both developed according to the most modern technologies in automotive antifreezes OAT “Organic Acid Technology”. They are highly efficient in engine components, including protection of materials such as aluminium and metal alloys. They are free of nitrite, amine, phosphates and silicate.

These antifreezes and refrigerants ensure effective protection from the cold, as well as against overheating and prevent corrosion. They have excellent heat exchange properties and are compatible with most materials present in engines, such as gaskets, fluid passage tubes and plastic components.

MEETS OR EXCEEDS THE STANDARDS:

ASTM D 3306-00, ASTM D 4985-94, UNE 26-361-88, SAE J 1034/91, BS 6580-2010, VW TL 774D (G12) – COLOR PINK, (EXCEPT YELLOW AND BLUE AND GREEN), VW TL 774F (G12 + PLUS) – VIOLET COLOR, (EXCEPT YELLOW, PINK, BLUE AND GREEN) FORD WSS-M97B44D, MB 325.0, MB 325.3, FIAT 9.55523, FIAT NC 956-16, GENERAL MOTORS 6277M, PSA PEUGEOT-CITRÖEN B71-5110, RENAULT 41-01-001 / Q TYPE D, NISSAN, HONDA HES D2009-75, BMW, MAN 324 SNF, VOLVO VCS

Reference	Color	Base	Dilution	Capacity (L)
YAF 13327B	Blue	OAT	Pure	5
YAF 13327Y	Yellow	OAT	Pure	5
YAF 13327G	Green	OAT	Pure	5
YAF 13327P	Violet	OAT	Pure	5
YAF 13362R	Pink	OAT	Pure	25
YAF 13362G	Green	OAT	Pure	25
YAF 13362B	Blue	OAT	Pure	25
YAF 13362Y	Yellow	OAT	Pure	25
YAF 13362P	Violet	OAT	Pure	25
YAF 13371R	Pink	OAT	Pure	205
YAF 13371G	Green	OAT	Pure	205
YAF 13371B	Blue	OAT	Pure	205
YAF 13371Y	Yellow	OAT	Pure	205
YAF 13371P	Violet	OAT	Pure	205



Synkra Antifreeze SI-OAT 50% fluids are antifreezes and refrigerants to be used without dilutions. The Antifreeze SI-OAT PURE fluids, on the other hand, are antifreezes and refrigerants to be diluted (50%) with distilled water. They are glycol-based products and contain OAT organic technology in its formulation, with loads of silicates, but free from nitrites, phosphates and borates for the latest generation engines with particular protection from aluminium.

MEETS OR EXCEEDS THE STANDARDS:

MB 325.5, MB 326.5, MB 310.1, AUDI / SEAT / SKODA / VW / LAMBORGINI VW TL-774 G (G12 ++), PORSCHE (BUILT AS FROM 1997) 911, BOXSTER, CAYMAN, CAYENNE, PANAMERA, MAN 324 TYPE SI OAT, COMPATIBLE WITH G 13 – VW TL-774-J – G13. COMPATIBLE WITH HEAVY VEHICLES WITH EURO VI ENGINES

Reference	Color	Base	Dilution	Capacity (L)
YAF 16009R	Pink	SI-OAT	Pure	1
YAF 16008R	Pink	SI-OAT	Pure	5
YAF 16000R	Pink	SI-OAT	Pure	25
YAF 16001R	Pink	SI-OAT	Pure	205
YAF 16006R	Pink	SI-OAT	50%	5
YAF 16003R	Pink	SI-OAT	50%	25
YAF 16004R	Pink	SI-OAT	50%	205



Synkra AC PDX PURE Advanced Heavy-Duty fluids are antifreezes and refrigerants that are to be diluted (50%) with distilled water. They are developed for use in heavy-duty and public works machinery.

EUROPEAN STANDARDIZATION: AFNOR NFR 15-601, ASTM D3306 – D4985 – BS 6580-FW HEFT R443 (GERMAN STANDARDsS – JASO M325 – JIS K2234 (JAPANESE STANDARDS)

MEETS HEAVY-DUTY VEHICLE STANDARDS: DAF 74002 – DETROIT DIESEL – DEUTZ 0199-99-1115 – DEUTZ / MWM 0199-99-2091 – ISUZU – LEYLAND TRUCKS DW03245403 – MAN 324 TYPE SNF – MB 325.3 – MB 326.3 – MTU MTL 5048 – RENAULT TRUCKS 41-01-001 / S TYPE D – SCANIA TB 1451 – VOLVO VCS

MEETS HEAVY-DUTY VEHICLES PUBLIC WORKS STANDARDS: CATERPILLAR – MAK A4.05.09.01 – KOBELCO – KOMATSU 07.892 – LIEBHERR MD1-36-130

Reference	Color	Base	Dilution	Capacity (L)
YAF 16021Y	Yellow	HD	50%	25
YAF 16022Y	Yellow	HD	50%	205
YAF 16023Y	Yellow	HD	50%	1000
YAF 16021R	Pink	HD	50%	25
YAF 16022R	Pink	HD	50%	205
YAF 16023R	Pink	HD	50%	1000
YAF 16021B	Blue	HD	50%	25
YAF 16022B	Blue	HD	50%	205
YAF 16023B	Blue	HD	50%	1000



Synkra AdBlue is a mix of urea and deionized water that is sprayed into the exhaust system of diesel engines, helping to reduce nitrous oxide emissions. Its widespread introduction coincides with the ever more stringent emissions targets that car manufacturers are now required to meet. Without AdBlue, it would be much more difficult to lower the emissions of diesel cars and get them to comply with the latest standards.

The technology employed is called selective catalytic reduction, or SCR, which involves injecting precise amounts of a liquid into the vehicle exhaust gases to produce a chemical reaction which neutralises harmful emissions.

Reference	Description	Capacity (L)
YAB 13353X	AdBlue	10
YAB 13354X	AdBlue	25
YAB 13405X	AdBlue	220
YAB 13406X	AdBlue	1000



A pocket-sized, compact work lamp with two illumination settings. An integrated magnet, a robust hook and a lamp head that can be swivelled up to 180° make this lamp versatile.



Scope of Delivery:

- USB charging cable
- USB plug

LUMIA POCKET LED HAND LAMP

Luminous Flux	220 lm
Output Power	2.5 watts
Rechargeable	Yes
Dimensions	12.5 x 6 x 3 cm
Protection Class	IP54
Charging Time	3 hours
Lamp Duration	4 – 8 hours
Operating Temperature	6.500 Kelvin

Thanks to the ultra slim and compact design of the Lumia Smart hand lamp, you can illuminate the tightest and most inaccessible spaces.



LUMIA SMART LED HAND LAMP

Luminous Flux	320 lm
Output Power	3.0 watts
LED Type	1 x COB & 1 x SMD
Battery	Rechargeable LI-Ion
Battery Capacity	350 mAh
Material	Metal
Protection Class	IPX3
Charging Time	1 hour & 30 minutes
Lamp Duration	1h 20 min – 4 h
Weight	76g
Dimensions	Open: 176 x 22 mm Closed: 97 x 22 mm
Features	Belt Clip, Magnet & Integrated USB Socket
Functions	Front LED COB: bright dimmable + red flashing Top LED SMD: red



USB SOCKETS

More and more devices demand "juice" when on the go. With the USB double socket for fixed installation you can easily charge and operate up to 2 devices (Smartphone, Digicams, MP3-player, etc.) at the same time.



UBS SOCKET	
Input Voltage	12/24 Volt
Output Voltage	5 Volt
Output Current	2 x 2.1 A
Overload Protection	Yes
Connection Type	Flat Plug
Mounting Hole	29.0 mm
Installation Dimensions (LxH)	60 x 45 mm
Lighting	Blue
Protective Cap Material	Rubber



LOUDSPEAKERS

Compact and powerful surface-mounted loudspeakers that can be mounted very easily thanks to mounting brackets when space is limited.



SURFACE-MOUNTED LOUDSPEAKER	
Dimensions	100 x 50-100 x 120 mm
Max. Power Capacity	80 Watts
Frequency	100 Hz – 18 KHz



VACUUM CLEANERS

Keep the vehicle clean with the cordless portable vacuum cleaner. Its compact size and suction power make it the perfect accessory. It can be operated one-handed and comes with a washable HEPA filter that can easily absorb dirt, dust, hair and crumbs in all areas of the car; and with its innovative outlet design it ensures high efficiency and long battery life.

Scope of Delivery:

- Brush Nozzle
- Long Crevice Nozzle
- Type-C Cable



PORTABLE VACUUM CLEANER	
Input Voltage	5V / 2A
Battery	7.2V / 2,000 mAh
Rated Power	70 Watts
Suction	5,200Pa (full power)
Dust Box Capacity	90ML
Rotation Speed	32,000 R/m
Working Time	13 – 15 Mins.
Dimensions	235mm x 65mm x 65mm
Net Weight	540 grams
Material	PC+ABS
Color	Grey
Charger	Type-C Charging
Charging Time	4 Hours
Filtration Type	HEPA Filter



