

HOLMENKOL®

ADVANCED PROTECTION

HOLMENKOL

SPORT TECHNOLOGIES

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license to win

Ultimate care
and unique protection!

CARE LINE HOLMENKOL ADVANCED PROTECTION



AQUATIC SPORTS

AQUATICS

HOLMENKOL®

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HOLMENKOL REFERENCES

Race results with Aquatics Line

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No. 1 Skiffweekend, Bühl, D
8 Races - 8 Victories
49er-Class Team Adolph/Dicks

AQUASPEED
+ GLIDE

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German Champion 2005
OSY : 400 Class
Knut Knape, BOR - Team

LUBEnSPEED
+ GLIDE

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No. 1 Kieler Woche 2005
2.4 - Class Heiko Kröger

SEALnGLIDE
+ GLAZE

SPORTPOLISH
+ CLEAN

49er Team Adolph/Dicks
HOLMENKOL Test Team winning
8 races with application of
AquaSpeed

OSY:400 Driver K. Knape
wins German national Title
2005 long bevor end of series
with AquaSpeed & SportPolish

2.4 Class, Heiko Kröger
First keel boat races
AQUA SPEED & SEALnGLIDE
and wins Kieler Woche 2005

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Race results with Aquatics Line

HOLMENKOL®	HOLMENKOL®	HOLMENKOL®	
SPORT TECHNOLOGIES	SPORT TECHNOLOGIES	SPORT TECHNOLOGIES	
			
European Vice Champion 2005 Joker - Class Team Klaus Holl	German Record Boat 68,8 m World Record 2003 Cable Jochen Lüers	No. 2 Kieler Woche 2005 505 - Class Team Hunger/Jess	
AQUASPEED + GLIDE	LUBEnSPEED + GLIDE	SEALnGLIDE + GLAZE	SPORTPOLISH + CLEAN

Joker Team K. Holl wins during test trials the European Vice Championship title 2005, with an uncompleted & untuned boat coated with AquaSpeed

Water ski Jumper Jochen Luers took several records with various HOLMENKOL & HOLMENKOL Aquatics products

505 - Team Hunger/Jess got the World Title 2005 with a complete preparation of their boat with Holmenkol Aquatics products

SealNGlide + glaze



High-Tech Nano-smoother for technical fabrics



- as eg. sail cloth, spinnaker
- **optimizes aerodynamic properties**
- **more speed through higher density**
- **reduces turbulences on the cloth**
- easy- to- clean Effect
- excellent impregnation properties
- fast- drying properties
- **colour intensifying, older fabrics look like new**
- protects and thus raises lifetime of fabrics
- transparent, invisible
- **fungicide function at humid storage**
- trim indicators even functional in rainy conditions
- perfect gliding abilities while putting in and taking the sails out of the boxes

SEALnGLIDE + Glaze - APPLICATION

1. Mix SEALnGLIDE Activator well with clear drinking water (see below).

Spinacker cloth	mix SealnGlide + Activator with 2 Ltr. of water
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Main sail, jibs, genuas Dacron, Spectra, Mylar	mix SealnGlide + Activator with 1 Ltr. of water
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Canvasses, spi trumpets, Spi chutes & sacks	mix SealnGlide + Activator with 1 Ltr. of water
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2. Add SEALnGLIDE + glaze.

Attention please!

**DO NOT SPRAY: Inhaling the spray will cause severe damage to your health.
In liquid state the material is harmless.**

SEALnGLIDE + Glaze - APPLICATION

3. Apply immediately after mixing the material (the mixture can be applied during app. 60 - 90 minutes).
4. Apply the coating on your sail with a big sponge on controllable segments.
Big sail surfaces can easily be treated with a wiper.
5. Remove too much applied material with sponge/wiper.
6. Hang up the sail for app. 3 hours to dry. In this period the coating properties organize themselves.
7. App. 3 % of the material will remain after drying on the sail, the rest will evaporate
8. The coating will not glue the sail when it's rolled up when it is still wet. Most attached dirt & dust particles during coating process will fall off or can be wiped off after the drying process

Sport Polish + clean



Hightech cleaner + coating in one

- for plastics (also Gelcoat), stainless steel, chrome and all matt lacquered surfaces
- the surface becomes water-, oil- and dirt repellent and is easier to clean .
(only water is enough = environmentally friendly)

Protection

- **against weathering, colour changing, yellowing and rifts (through heat, uv-rays, rain, salt water, contamination through organic matters like moss and algae) and**
- **against damage through salt and emissions**
- colour intensifying
- **For all kinds of (motor) boats, yachts, cats, catamarans, vehicles like caravans, motothomes, etc.**



SportPolish + clean- APPLICATION

1. Give a little quantity of SportPolish + clean on a dry and clean cotton cloth (Care Fleece, Art. 20450/20451).
2. Clean the surface with rotary movements and light pressure. Leave the remainings on the surface.
3. Attention! Allow the surface app.15-30 minutes to dry.
During this time the surface protection layer is set up.
4. After this time re-polish the surface to remove the dried remainings from the cleaning.
5. When you notice a reduction of the effects just re-apply SportPolish + clean

- **How can I remove the coating?**

The coating is only removable by abrasion.

- **Where not to apply SportPolish + clean?**

Do not use on acid and solvent sensible materials. On acrylic and high glossy varnishes, the polish can cause a matt surface finish.

AquaSpeed + glide



High-Performance coating for more speed

- **Flow channel measurements have shown reduction of surface friction up to 40%**

- transparent
- water- and dirt repellent

- **Additional Easy-to-clean Effect:**

Grime and transportation dirt can easily be rinsed off with a hosepipe.

Avoids dirt or natural covers during competition series which keeps the boat hull powerful and fast during the series

- **For all kinds of boats, yachts, cats, surfboards, water skis, wake and kite boards, olympic canadians, etc.**



AquaSpeed + glide- APPLICATION

1. Clean the hull surface with HOLMENKOL SportPolish + clean (see application on SportPolish + clean slide) first
2. Shake bottle AquaSpeed properly
3. Apply AquaSpeed with CareFleece: polish gently in rotary movements
4. Apply the polish in small segments and before complete drying re-polish it for a shiny finish.
This will avoid the building of very fine cords. The cords do not influence the performance of the product!
5. By mechanical polishing experience shows that the ultra thin layers are often destroyed or polished away

AquaSpeed + glide- APPLICATION

Tip:

1. To obtain an ultra smooth surface: re-polish before entire drying of applied material
2. Work in little steps: Apply AQUA SPEED + glide on a little segment, re-polish after short drying period and continue working the hull in the same way.
3. This way you have the best possibility to see which pieces have been coated or not (AquaSpeed is colourless & a ultra thin liquid!).

Race tuning with HOLMENKOL Aquatics Line

Tuning	Produkt Boat Part	Function	Advantage
Optimizing hull surface up to deck	AQUA SPEED hull	<ul style="list-style-type: none"> • Reduction of friction between water and hull 	<ul style="list-style-type: none"> • Acceleration- & Speed advantage • Elimination of speed disadvantages through groth and dirt
Cleaning & protection of plastics, GFR & Gelcoat and metal surfaces above the waterline, best pretreatment for application of Aquaspeed	SportPolish hull & mast	<ul style="list-style-type: none"> • Cleans & protects over season • against weathering, UV & mechanical influences • Prepares for Aquaspeed 	<ul style="list-style-type: none"> • Cleans & seals surfaces with a longlasting tough layer • Ideal base for application of Aquaspeed
Sail surface optimising, shock-dry surface & smoothening cloth surface	SEALnGLIDE sails	<ul style="list-style-type: none"> • aerodynamic amelioration, stronger protective function of cloth, shock-dry surface = throwing of water in one strike when taking wind 	<ul style="list-style-type: none"> • no water taking of sails, functional tell tales in humid conditions • quicker setting of spis, better gliding of sails against rigging, easier & faster setting & lowering of sails • Faster manoeuvres
Reduction of glide & roll resistances in blocks, rails & Nuten, salt & dirt rejectance	LUBEnSPEED hardware	<ul style="list-style-type: none"> • a extreme thin film avoids attachments of salts & dirts, that could reduce the gliding, sliding & rolling properties of the rigg & deck hardware 	<ul style="list-style-type: none"> • perfectly light rolling and gliding of deck- and rigg hardware

SAIL TUNING

	Application	Description	Effect	Produkt/Product
1	Main sail & Fore sails			
	Stow away main sails	surface smoothing	easier stowing through smoother surface, fungicide function	SealNGlide
	Furling jibs	surface smoothing	easier stowing through smoother surface, fungicide function	SealNGlide
	Main sail	Optimizing cloth qualities	Water rejection-quick drying, dirt repellent, fungicide , smoothing surface	SealNGlide
	Fore sails	Optimizing cloth qualities	Water rejection-quick drying, dirt repellent, fungicide function, smoothing surface	SealNGlide
	Trimm indicators/tell tales	Water rejection	Functional while wet	SealNGlide
	Luffs	Friction reduction	Easy sliding in sail tracks of masts and furling profiles	SealNGlide
	Sail battens	Friction reduction	Better sliding abilities with installation & maneuvers	LubenSpeed/SealNGlide
	Hardware reefing system	Friction reduction	Easier & quicker reefing	LubenSpeed

SPINNAKER & FURLING JIB TUNING

2	Spinnaker			
	Spinnaker	Optimizing cloth qualities	Water rejection-quick drying, dirt repellent, fungicidal, smoothing surface	SealNGlide
	Spinnaker sacks/bags	Optimizing cloth qualities	Better sliding abilities while setting & lowering, water rejection, fungicidal	SealNGlide
	Telescopic spi booms	Friction reduction	Better sliding abilities while setting & lowering, damage reduction	LubenSpeed
	Spinnaker trumpets, cloth	Friction reduction	Better sliding abilities while setting & lowering, damage reduction	SealNGlide
	Spinnaker trumpets, carbon/glas fibres	Friction reduction	Better sliding abilities while setting & lowering, damage reduction	LubenSpeed
3	Jib furling gear			
	Furler	Optimizing rotation properties	Ultra smooth running properties	LubenSpeed
	air swivel	Optimizing rotation properties	Ultra smooth running properties	LubenSpeed
	Profile track & luff	Friction reduction	Easy sliding of sail	LubenSpeed

HARDWARE TUNING

4	Mast & booms			
	Mast & main boom	Dirt rejection	Selfcleaning with rain	Dirtprotector
	Main sail track	Friction reduction	Easy setting & lowering of sails	LubenSpeed
	Mast hardware	Friction reduction	optimizing rolling properties	LubenSpeed
	Gooseneck assembly	Friction reduction	Optimizing movability of gooseneck	LubenSpeed
	Ends of Mast spreaders	Friction reduction	Reducing the rubbing of main sail	LubenSpeed
	Rotating mast foot	Friction reduction	Easy turning in mannouvres, under stress/rigg tension	LubenSpeed
5	Hardware			
	Blocks	Ball bearing sealing	Ultra smooth running properties	LubenSpeed
	Hatches - Pin joints	Friction reduction & corrosion protection	Smooth running & noise reduction	LubenSpeed
	Hatches - glass	Coating & cleaning	Anti condense & dirt rejectance	No-Fog
	Main sail track	Friction reduction	ultra smooth running properties	LubenSpeed
	Main sail track-car	Friction reduction	ultra smooth running properties	LubenSpeed
	Cleat mechanics	Friction reduction & corrosion protection	ultra smooth running properties	LubenSpeed

HULL, KEEL, RUTHER & DAGGERBOARD TUNING

6	Hull/Keel/Centreboard/Ruther blade			
	Hull	Reduction water surface friction	Raising of hull speed	AquaSpeed
	Keel/centreboard	Reduction water surface friction	Raising of hull speed	AquaSpeed
	Rudder blade	Reduction water surface friction	Raising of hull speed	AquaSpeed
7	Rudder (pivoting)			
	Rudder mounting	Friction reduction & corrosion protection	ultra smooth pivoting	LubenSpeed
	Rudder joints	Friction reduction & corrosion protection	ultra smooth running properties	LubenSpeed
	Rudder pin/pin joints	Friction reduction & corrosion protection	ultra smooth running properties	LubenSpeed
8	Keel/centreboard			
	Hull-centreboard lipps	Friction reduction	Easier lowering & hoisting of centreboard	LubenSpeed
	Hull-Keel/centreboard opening	Friction reduction	Easier lowering & hoisting of keel/centreboard	LubenSpeed
	chainblocks	Friction reduction	Easier lowering & hoisting of keel/centreboard	LubenSpeed