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Original Spare Parts:
Quality pays for itself in the long run.

When considering the purchase of a new pump, the lifetime cost of the equipment are important. The high quality and precise fit of the main pumping elements, the rotor, stator and the joints determine the reliability, life and durability of the pump.

seepex original parts are manufactured and selected to match the initial specification of the new build pump.

When replacing parts, matching the materials of construction to that of the initial build specification is vital to maintain good service life.

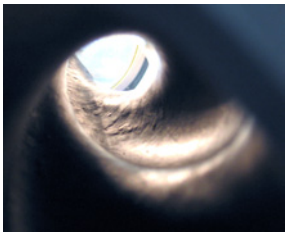
By doing so, you ensure that the pump is returned to its initial quality, efficiency and performance. Using any other option brings with it risk of premature failure, reduced performance and lower efficiencies.

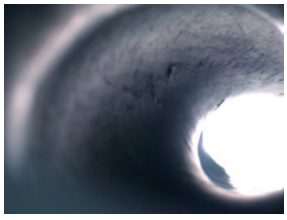
Is it worth the risk?
Thinking about using alternative parts? Perhaps consider the following first.

- Fitting non-original parts invalidates any ATEX certification of pump and plant and puts all the risk onto the end user and/or repair company.
- Fitting non-original parts invalidates any other declaration provided.
- Fitting non-original parts invalidates all OEM standard and extended warranties.
- You are giving up valuable OEM support by dealing with a supplier who is only interested in selling you cheaper parts without consideration to the specific reason for replacement or whole life costs.
- The non-original supplier will not actively support you in reducing your costs.

Can we back up our claims?

The following are just a few examples of failures and concerns that our customers have highlighted to us.

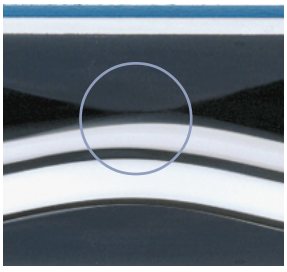




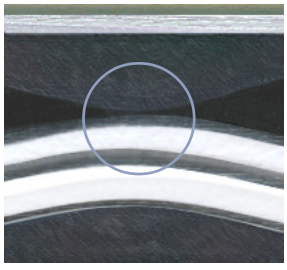
Non-original stator

Problem: Very poor surface finish and quality; this is a new, unused stator as delivered.

Result:
- Lower volumetric efficiency
- Reduced pressure handling capability
- Reduced pumping capacity
- Shorter rotor and stator life



seepex original rotor / stator combination



non-original rotor / stator combination

Non-original rotor and stator

Problem: Poor fit between rotor and stator.

Result: Too tight
- Pump will not start
- Overload of stator and drive train

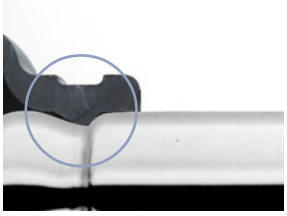
Too loose
- Reduced pumping capacity
- Shorter service life

seepex original joint sleeve vs. non-original joint sleeve

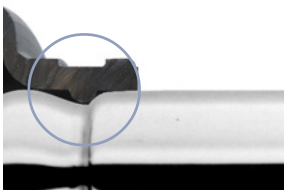
Non-original joint sleeve

Problem: Less material used in manufacture, thinner wall section and the seal contact profiles are actually wrong. This seal is weaker by design.

Result:
- Failure of joint sleeve
- Lubrication loss
- Product contaminates the joint
- Joint failure



seepex original joint sleeve



non-original joint sleeve

Non-original holding bands

Problem: A long tail is left by design, not actually designed to be used inside a pump, this picks up rag and debris.

Result:
- Rag build up
- Blockage of pump
- Damage to joint sleeve inducing joint failure
- Dry running of stator

Non-original joints

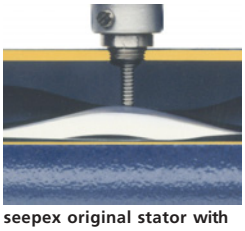
Problem: Wrong type of lubrication supplied and used, oil instead of grease. Also a non hardened coupling rod pin was used.

Result:
- Poor lubrication of the joint
- Pin sheared as it was unable to take the high transfer torque
- Complete joint failure

Non-original coupling rod and bush

Problem: Very poor interference fit.

Result:
- The bush turned
- Restricted eccentric movement
- The bush shattered
- Complete joint failure



seepex original stator with sensor sleeve

non-original damaged stator

Incorrectly fitted dry run temperature sensor

Problem: Non original stators are not supplied with sensor sleeves fitted, this causes the fitter to have to transfer the original sensor sleeve to the non original stator. The dry run protection is now unreliable if working at all.

Result:
- Pump does not trip if dry running occurs
- Pump dry runs
- Rapid stator failure
- Product leakage from unsealed sensor sleeve
- No responsability taken by the part supplier

All examples above are genuine field results and are available for inspection and study upon request.
All failures had severe implications to process and incurred high incidental costs.

So ... is it really worth the risk?

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What is good about good service.

The 10-point program is specifically designed to guarantee lasting customer satisfaction:

- Consulting
- Commissioning
- Monitoring
- Service contracts
- Repair service
- Original spares
- Rental pumps
- Trial pumps
- Training
- Web access

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