

Mineral Coating Technologies

New technology from Russia to reduce Wear and Friction

2020

THE ADVANTAGES OF MINERAL

The enhance of a lifetime of the coated component up to 10

No affection the base material through a special coating

technology Low temperatures of the coating process (less

The coating is

Nie was difference and de la company de la c



Shipbuildi ng





Pipes and fittings

Metallur



APPLICATI ONS



Oil and gas industry



Power
engineering

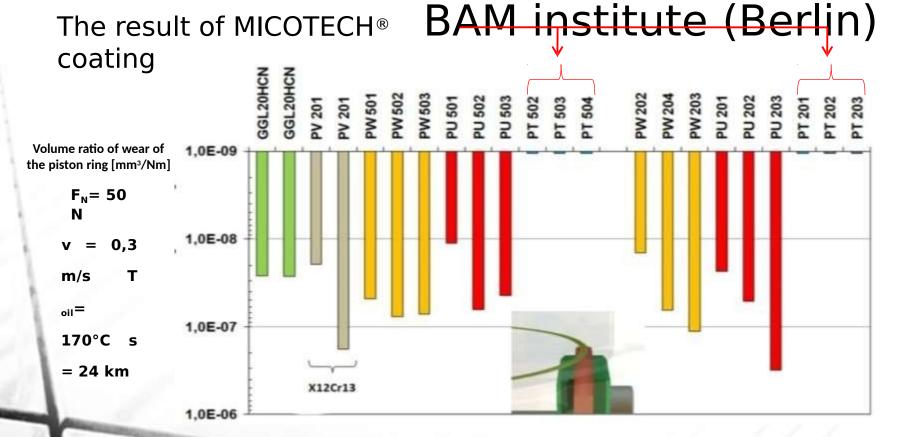


Mechanic al engineeri





• We tested our wear – resistant coating for piston ring in



in comparison with standard technologies





• While cooperating with SMS @group (official partner), we put our mineral coatings on the rollers of the roller table.

Positive effect may be seemed even without

special equipment







The SMS Group roller with our mineral coating

(42 month of using) / 3 375 000 tons



SK Energy

experienceThreading connection "nipple -

Threading connection "nipple - coupling" of geophysical equipment Material: Non-Magnetic Steel-MAGNADUR





The result of the work: The increase in the

number of twists from 30 to 400

(13 times)

experience

Shafts for DDMs







Ball valves and gate





Our experience





Mud Pump Sleeve JVS-400 (CANADA)

The result of the mineral coating: increase in the work resource from 250 to 1250 hours (5 times)





Impellers for oil pump
Currently being tested at the fields

Blade wheel of

Our experienc@vorm-and-worm







Blades of steam turbine

Our experience

Pinion shafts



Without coatings 2 month/ 62 000

tons

With MICOTECH
12 month/ 385 000
tons

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About us





Our main activity is development and application of wearresistant mineral coatings with antifriction properties for components of friction pairs in the nodes of machines in power engineering, mechanical engineering, shipbuilding, oil and gas industry and metallurgy.

Numerous international exhibitions noted us with awards We have our own 2000m² production center based in Kaluga city - 160 km away from Moscow
There are only well qualified and experienced engineers and technicians in our team.

The great scientific potential and constant investments in R&D allow us to solve any problem we meet even the most complex

We have more than 10 years of experience on our market and a wide range of mineral coatings that meet any need of our partners.



Contact



We are confident that our considerable experience and ready-made solutions will provide an opportunity to save significant résources and gain the strategic competitive advantage!

No friction

Be the best with Mico-Tech!

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wear

No fiction

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