

# POLIGRAT PRODUCT INFORMATION

## POLINOX OxiPassiv



### Nitric Acid Free Passivation

#### Properties and effect

**POLINOX OxiPassiv** is a passivation process that is free from nitric acid. **POLINOX OxiPassiv** meets or exceeds the effect of common passivation processes based on nitric acid.

**POLINOX OxiPassiv** is an immersion solution for the treatment of austenitic and ferritic stainless steel. Both stabilized as well as non-stabilized materials can be treated.

**POLINOX OxiPassiv** rapidly establishes the protective passive layer on the stainless steel surface and hence ensures optimal corrosion resistance. The field of applications is:

- rapid former of a protecting passive layer after pickling processes
- repassivation after mechanical treatment like grinding, polishing, brushing, abrasive blasting
- removal of free iron

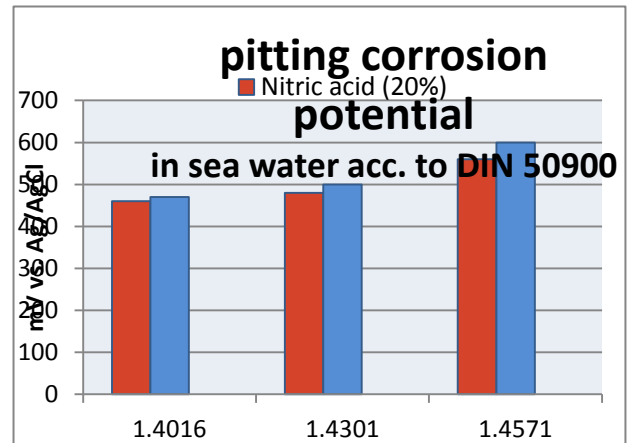
**POLINOX OxiPassiv** reduces the forming of NO<sub>x</sub> gases by spraying during parts transfer.

Treatment with **POLINOX OxiPassiv** creates a uniform surface appearance.

#### Application

**POLINOX OxiPassiv** is supplied as a ready to use liquid.

**POLINOX OxiPassiv** is used via trickling or spraying processes. **POLINOX OxiPassiv** works at room temperature. After the treatment time the surfaces are rinsed with water. The rinsing water disposal needs no further processing.



#### Technical data

Specific weight/density:	1.05 kg/l
Application:	undiluted
Working temperature:	+15 to +35°C
Time to act on surface:	5 to 30 minutes

#### Supply

- Single use canister 30 kg (27.3 l)

#### Your advantages

- nitric acid free passivation
- does not affect the stainless steel surface
- easy to handle, classified as non-hazardous good
- removal of iron deposits on the surface
- no costly rinse water treatment