



Fig.2. Scanning electron microscope images of oxide particles on a steel surface.

Scanning electron microscope images of oxide particles on a steel surface. The images show the morphology and distribution of oxide particles on the steel surface. The left image shows a large oxide particle with a red arrow pointing to it and the text 'oxide particle steel'. The middle image shows a smaller oxide particle with a red arrow and the text 'Fe₂Ni₃'. The right image shows a large oxide particle with a red arrow and the text 'oxide particle'. Each image includes technical parameters at the bottom: 'S-3400N 15.0kV 10.9mm x300 BSE3D' for the left, 'S-3400N 15.0kV 9.6mm x500 BSE3D' for the middle, and 'S-3400N 15.0kV 8.8mm x300 BSE3D' for the right. A 100µm scale bar is present in each image.

A scanning electron microscope image of a steel surface showing oxide particles. The image shows the morphology and distribution of oxide particles on the steel surface. The left image shows a large oxide particle with a red arrow pointing to it and the text 'oxide particle steel'. The middle image shows a smaller oxide particle with a red arrow and the text 'Fe₂Ni₃'. The right image shows a large oxide particle with a red arrow and the text 'oxide particle'. Each image includes technical parameters at the bottom: 'S-3400N 15.0kV 10.9mm x300 BSE3D' for the left, 'S-3400N 15.0kV 9.6mm x500 BSE3D' for the middle, and 'S-3400N 15.0kV 8.8mm x300 BSE3D' for the right. A 100µm scale bar is present in each image.

