

Assessment of Oxidized Cylinder Liners (SY 223/24)

Model Line: **718 (982)**
911 (991)
911 (992)

Model Year: **As of 2017**

Concerns: **Cylinder liners with PTWA (Plasma Transferred Wire Arc) coating**

Symptom: **As part of engine diagnosis, traces of oxidation are detected on one or more cylinder liners.**



Information

Traces of oxidation on the cylinder liners have **no technical effect** (oil consumption / engine power) and constitute **no reason to replace a part**.

These abnormalities are favored by, for example, longer downtimes, high humidity in the ambient air and open valves.

If symptoms such as a lack of power, misfires, oil consumption, blue smoke or similar symptoms are complained about, **the diagnosis must be continued**.

Traces of oxidation corresponding to the sample illustrations must be assessed as **OK**.



Sample illustration of oxidized cylinder liner



Sample illustration of oxidized cylinder liner



Sample illustration of oxidized cylinder liner



Sample illustration of oxidized cylinder liner

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