

Hydrogen Deoxo Reactor

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| Customer | Shanxi Yanchang Petroleum (Group) Co., Ltd (China) |
| Manufacturing date | November 2012 |
| Pressure Vessel Category | II |
| Operating temperature | 20~40 °C |
| Operating pressure | 3.8 MPa |
| Process/duty | O2 removal from 126 kg/h of H2 feed stream to < 0.5 ppmv O2 |
| Medium | Hydrogen |
| Reactor dimension | Φ219 mm, length 3'400 mm |
| Catalyst | BASF Deoxo DS3 with 0.3% Pd |
| Catalyst Supplier | Research Catalysts, Inc. USA |
| Design/process simulation | Raschka Engineering in cooperation with Research Catalysts, Inc. |

