LOW EMISSIONS WITH HIGH SULFUR HFO

The unique HIGH SULFUR SCR catalyst (RCV) by Hug Engineering is a catalyst that is tailor made for the abatement of NOₓ when using high sulfur residual fuels. Comparing its performance to a conventional SCR catalysts it shows an identical high temperature NOₓ abatement but thanks to its structure and formula it has a lower sulfur oxidation rate. This property results in a lower opacity of the exhaust gas and less blue smoke when the engine is run on a fuel with a high sulfur content. The RCV has, moreover, a high deNOₓ activity at low exhaust temperatures. Besides power plants, more than 100 sea-going vessels have been equipped with this durable HIGH SULFUR SCR catalyst.

- For both two-stroke and four-stroke diesel engines
- IMO Tier III compliant
- Suitable when using high sulfur residual fuels and in combination with scrubbers
- Lower opacity of the exhaust gas plume due to a lower sulfur oxidation and lower blue smoke
- High NOₓ activity even at low exhaust temperatures
- Compatible with all other catalyst systems – suitable for retrofit
- More durable than conventional SCR catalyst elements due to a higher mechanical strength
- Less boiler fouling due to lower ammonium sulfate (ABS) condensation
- Lower consumption of scrubbing agent
- Proven solution in the marine and power industry

TRUST THE SPECIALIST IN EXHAUST GAS PURIFICATION.
ASK US FOR REFERENCES.