

CLEANING GUIDE

Application of TURBOTECT 2020



DESCRIPTION

TURBOTECT 2020 is a superior quality, biphase water-based gas turbine compressor cleaner designed for both on-line and off-line applications.

It provides high cleaning performance that is comparable to solvent-based products.

TURBOTECT 2020 is formulated from a unique blend of non-ionic surfactants and emulsifiers in a biodegradable water-based system. The product has been specially designed to address the types of fouling commonly found in today's gas turbines. TURBOTECT 2020 is a low-foaming product. TURBOTECT 2020 is a biphasic micro-emulsion consisting of two stable and compatible interlinked regions, one capable of dissolving polar compounds such as salts and the other capable of dissolving non-polar oily compounds such as hydrocarbons to achieve best wash results.

ABOUT TURBOTECT LTD.

The company helps its customers to improve the efficiency and profitability of their gas turbines in the fields of gas turbine fuel treatment, compressor cleaning and balance of plant equipment. Turbotect Ltd. provides service and professional support through a worldwide network of subsidiaries and representatives. Its products and services are well recognized and endorsed by gas turbine operators and Original Equipment Manufacturers worldwide.

APPLICATION

TURBOTECT 2020 is supplied as a concentrate and forms a stable solution when mixed with water at the recommended dilution ratio, which is normally:

1-part TURBOTECT 2020 plus 4-parts water

ON-LINE CLEANING

Please use demineralized water for preparing the wash fluid. TURBOTECT 2020 is injected into the compressor while the engine is operating.

Average power loss is reduced and operating intervals between periodic off-line cleaning can be extended.

The engine manufacturer should be consulted prior to on-line cleaning at low ambient temperatures.

OFF-LINE CLEANING

TURBOTECT 2020 is mixed with demineralized water at the above mentioned dilution. A complete off-line wash consists of a wash cycle where the detergent solution is applied, a soak time to extend the active time of the detergent given followed by a rise cycle (water only) to flush all dissolved foulant from the compressor.

For on- and off-line washing always follow the OEM instructions.

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