

Siemens Energy Global GmbH & Co. KG,
SE GP G LRE LGT R&D TEST MLH MAT, Mellinghofer Str. 55,
45473 Muelheim an der Ruhr, Germany

Fluitec
Attn. Mr. Jo Ameye
Amstelwijckweg 17
3316 BB Dordrecht
The Netherlands

Name Dr. Ludger Quick
Department SE GP G LRE LGT R&D TEST MLH MAT

Phone +49 (173) 7058293
Email ludger.quick@siemens-energy.com

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DECON treatment of turbine lube oil

Dear Mr. Ameye,

Siemens Energy uses a variety of turbine oils to lubricate gas and steam turbines, compressors and generators. In some cases, depending on the operating conditions and the quality of the lubricant used in the equipment, varnish formation occurs in machine components.

Fluitec offers the product DECON, which is intended to dissolve varnish and organic deposits from machine internals, such as bearings or oil coolers. It reduces the varnish potential of the oil and provides long-term protection against varnish formation.

Siemens Energy has tested the compatibility and effectiveness of DECON and concludes that it may be beneficial to add this product to the oil to stop and even reverse the varnish effect.

If the customer wants to use DECON, an oil analysis must be carried out to check whether the used oil meets the requirements for an operating oil. If this is the case, DECON can be added.

So far, no deterioration of the relevant operating parameters has been observed due to the addition of DECON.

Best regards,



Dr. Ludger Quick

Siemens Energy Global GmbH & Co. KG

Mellinghofer Str. 55
45473 Muelheim an der Ruhr
Germany

Tel.: +49 (208) 456 0
Fax: +49 (208) 456 2400

Registered office: Munich, Germany; Commercial registry: Munich, HRA 111200;
Personally liable partner: Siemens Energy Management GmbH;
Chairman of the Supervisory Board: Joe Kaeser;
Executive Board: Christian Bruch, President and Chief Executive Officer; Jochen Eickholt, Maria Ferraro, Tim Oliver Holt;
Registered office: Munich, Germany; Commercial registry: Munich, HRB 241345
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