

FORCE Technology offers a unique Trouble Shooting Service and Applied Condition Monitoring



Do you recognize some of these in-service problems?

- Abnormal piston ring wear
- Abnormal cylinder liner wear & cylinder scuffing
- Piston ring breakage
- Clover-leafing, corrosion of cylinder liner and piston rings
- High exhaust gas temperature
- Fuel pump wear - poor combustion
- Fuel injector wear - poor combustion
- Black smoke - poor combustion
- Too high specific fuel oil consumption
- Build up of un-burned carbon residues
- Burned or fractured valve seats
- Piston crown cracking/fretting
- Bearing problems - disintegrating white metal.

Reduce wear and tear of large bore diesel engines and obtain cost savings through:

Collection and analysis of data regarding;

- Specific fuel oil consumption
- Cylinder oil injection timing, performance and specific consumption
- Wear rates
- History of events.

On-board investigations;

- Scavenge port inspection
- Replica check of surface condition
- Thorough check/inspection of the installation.

Some examples are shown overleaf !



Further information

Jens Thomsen: Tel. +45 22 69 70 20 / E-mail: jjt@force.dk

Peter Bo Mortensen: Tel. +45 43 26 74 57 / E-mail: pbm@force.dk

FORCE Technology USA Inc.
Tel. +1 713 975 8300

FORCE Technology Rusland LLC
Tel. +7(812) 326 80 92

FORCE Technology Norway AS
Claude Monets allé 5
1338 Sandvika, Norway
Tel. +47 64 00 35 00
Fax +47 64 00 35 01
info@forcetechnology.no

FORCE Technology Sweden AB
Tallmätargatan 7
721 34 Västerås, Sweden
Tel. +46 (0)21 490 3000
Fax +46 (0)21 490 3001
info@forcetechnology.se

FORCE Technology
Headquarters
Park Allé 345
2605 Brøndby, Denmark
Tel. +45 43 26 70 00
Fax +45 43 26 70 11
info@forcetechnology.com
forcetechnology.com