

## SPECIAL SYSTEMS TEST ROOM AND FUEL AND LUBRICANTS TEST ROOM

### ACTIVITIES IN THE FIELD OF SPECIAL SYSTEMS:

The test room assess, verifies and tests special systems and related military technology operational parameters in the scope of:

- Stable anti-fire devices built in into military technology
- Ballistic protection
- Combat vehicle information system of mobile military technology
- Communication system of mobile military technology
- Monitoring and evaluation of reliability parameters and accelerated testing
- Failure free/lifetime of electronic components
- Costs for life cycle of military technology
- Accompanying and operational documentation
- Training documentation and tools
- Technical specifications
- Maintenance and repair
- Means for maintenance
- Simulators and computer technology



## SPECIAL SYSTEMS TEST ROOM AND FUEL AND LUBRICANTS TEST ROOM

### ACTIVITIES IN THE FIELD OF FUEL AND LUBRICANTS:

The test room assesses the technical condition of diesel engines, transmission gears and hydraulic systems, based on the results of accredited tests of particle analysis and tribodiagnostics of oils. Next, it assesses the fuel and oil parameters in the range of:

- motor oils analysis by FTIR spectroscopy
- determination of content of metal abrasion, additives and contaminants
- determination of oils and hydraulic fluids kinematic viscosity
- particle analysis of oils and hydraulic fluids

Next, the test room analyses cooling fluids, windscreen fluids and fluids for heating systems.



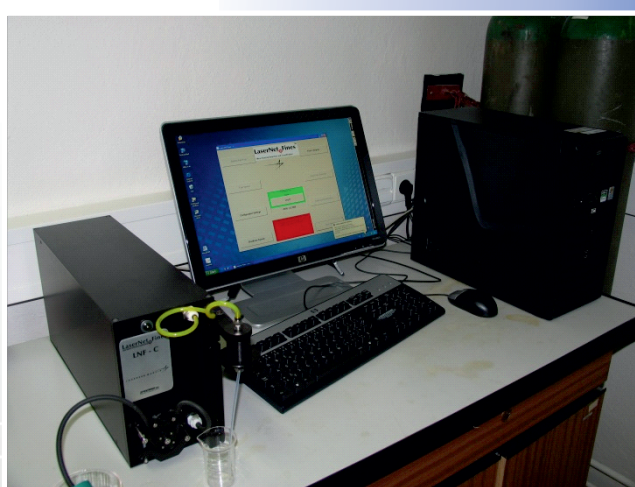
SPECTROIL M atom emission spectrometer with rotating disc electrode.



METTLER-TOLEDO DL 25 Titrator



NICOLET AVATAR 330 FTIR spectrometer



LNF-C Laser particle analyser