

Metallographic observations and analyses

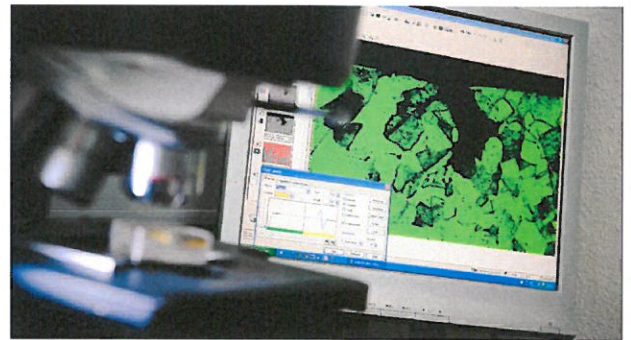
ANALYSES
CHIMIQUES
CONTRÔLE DES
MATÉRIAUX
ASSISTANCE
TECHNICO-LÉGALE
CONTRÔLES
HORLOGERS ET
MICROTECHNIQUES



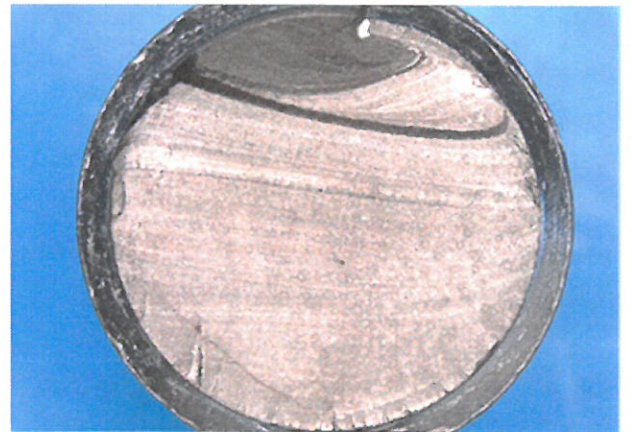
Our range of optical microscopes (macro-
scope, binocular magnifier, measurement
and metallographic microscopes) enables
our qualified and experienced personnel to
perform a great variety of investigations,
such as:

- Defect and failure analysis (porosity, corro-
sion, fracture surfaces, etc.)
- Coating thickness measurements
- Metallographic study of various alloys, with
grain size measurement
- Inspection of the inclusion cleanliness of
steels, etc.
- Quantification of phase percentage by im-
age analysis

Metallographic analyses are relevant for both
routine work and for more comprehensive in-
vestigations or assessments.



Fatigue fracture of a steel threaded rod.



Corrosion of leaded brass.



Laboratoire Dubois SA / 17.12.10



S SCHWEIZERISCHER PRÜFSTELLENDIENST
T SERVICE SUISSE D'ESSAI
S SERVIZIO DI PROVA IN SVIZZERA
S SWISS TESTING SERVICE

N° 0104

LABORATOIRE DUBOIS S.A.
A.-M.-PIAGET 50 · CP 979 · CH-2301 LA CHAUX-DE-FONDS
TÉL. + 41 (0)32 967 80 00 · FAX + 41 (0)32 967 80 01
www.laboratoiredubois.ch · contact@laboratoiredubois.ch