OIL ANALYSIS KIT

SAMPLING INSTRUCTIONS

BOBST

SAMPLING INSTRUCTIONS

1. a) How to collect the oil from the machine tank:

– Oil samples must be taken when the machine is running completely normally and the circulating oil is well mixed. Oil should ideally be taken from the middle of the oil tank to obtain a representative sample.
– Do not reuse the tubing.

b) How to collect the oil From the oil cleaner:

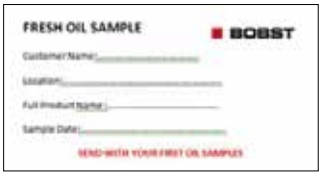
– Open and close the purge valve 5 times.
– Flush 1 liter of oil.
– Collect the oil in the plastic bottle.
– Do not reuse the tubing.

From the machine

From an Oil cleaner

2. How to collect the fresh oil sample first

– It is important to send a fresh oil sample that will be used as a reference in the report you will be receiving after the first machine oil analysis. Fill in one bottle with fresh oil from a barrel or bulk storage, fill out the sticker shown opposite, put it in an envelope **and send with the first machine oil sample**.
– Once the SPECTRO laboratory is chosen depending on your location, we recommend that you keep the same for all the analysis.

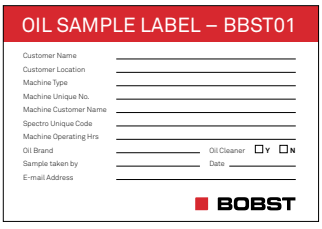


Label for the fresh oil sample

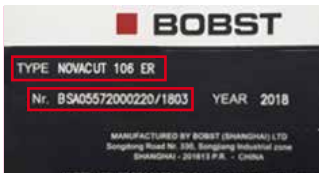
3. How to fill out the machine oil sample label

– Complete the label in full.
– Stick the label on a bottle.
– Missing information may result in a delayed report.

LABEL DATA	COMMENTS
Customer name	Your company name
Customer location	The city and the country
Machine type	See your machine plate
Machine unique number	See your machine plate
Machine customer name	Your own machine name (BOBST 1...10)
Spectro Jet-Care unique code	This code will appear on your first analysis report
Machine operating hours	Total operating hours since new
Oil brand	Full oil make and grade
Oil Cleaner	Do you have an Oil Cleaner on this machine?
Sample taken by	Your own name
Sample date	In Day/Month/Year
E-mail address	Email address to which the report will be sent



Label for the oil analysis



Example of machine plate

4. How to ship the samples

- Place each sample (fresh oil first then the machine oil) in a white envelope.
- Select your laboratory and place address label on the envelope.

Note: if you are using Spectro Oil AG in Switzerland and are located outside Switzerland, select Fortex address in Germany.

- Keep the same laboratory location during all of the machine analysis process.
- Multiple sample shipment can be consolidated in one box.
- Useful information to add on your shipping document:
  - Description: “Sample(s) for Testing, destroyed after one month”.
  - Negligible value of “UK£1.00/€1.00/US$1.00/SFr1.00” or “No Commercial Value”.
- Send by post or by courier.

If you do not have a SAD (Single Administrative Document - Form C88) ensure “CPC Code 40 00 C33” is shown within the commodity code/description box.

If completing a SAD (Single Administrative Document - Form C88) please use the information shown below:

- From outside the Customs Union or within the Customs Union with the EC:
  - In Box 37 use Customs Procedure Code: 40 00 C33.
  - In Box 44 (Month/Year of testing) use: Date 1 week after shipping date.

Please ensure that on each shipment you tick the box that indicates that all transportation, duties and taxes are to be billed to the sender.

For samples sent by post a custom declaration CN22 or CN23 must be used and clearly marked “Goods for test – relief claimed”

Important notes

The Laboratory does not accept responsibility for delivery, shipping, importation, VAT or duty charged on samples sent for analysis.

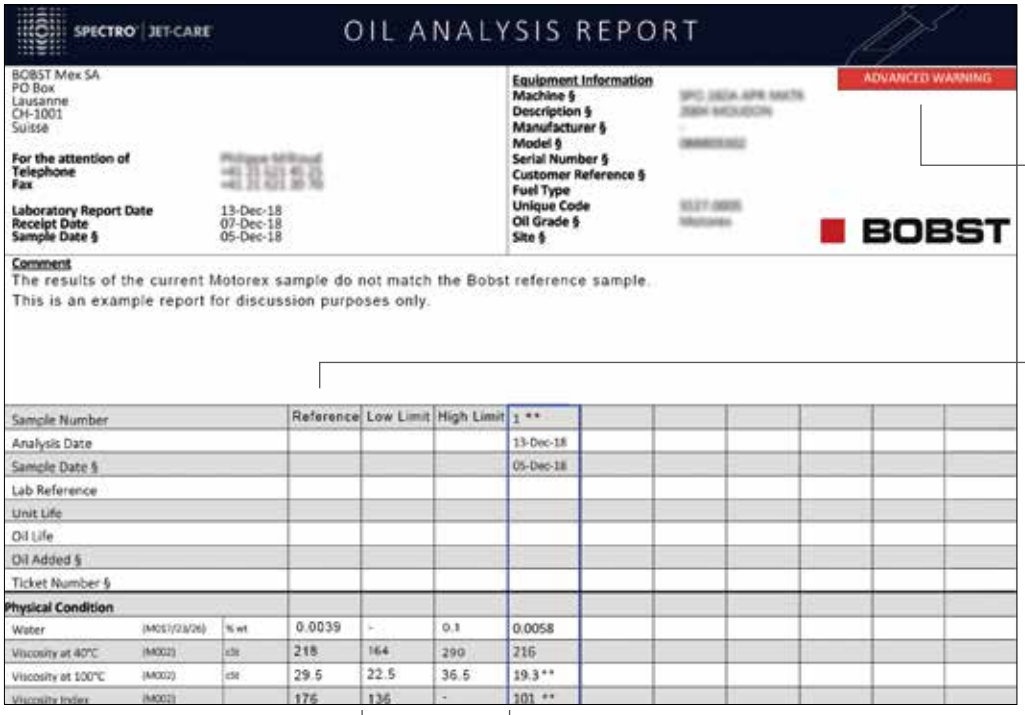
5. Oil analysis report

- Your reports are sent in your country language (where possible) to the email address you put on the bottle label.
- Reports can also be viewed using the online portal webECHO™. The default for online reports is English but you can select your own language.
- Email webECHO@spectro.com for details.

6. Liability

- BOBST declines liability for any issues due to improper lubrication.
- Apart from the BOBST package safe oil that has been specifically developed by BOBST engineers to meet higher standards, a recommended list of oil is provided with the machine documentation.
- The customer is responsible for maintaining the machine in accordance with the BOBST lubrication scheme delivered with the machine documentation.
- A copy of the oil analysis report is sent to your BOBST representative.

7. How to read the oil analysis report



SPECTRO | JET-CARE

OIL ANALYSIS REPORT

BOBST Mex SA
PO Box
Lausanne
CH-1001
Suisse

For the attention of
Telephone
Fax

Laboratory Report Date 13-Dec-18
Receipt Date 07-Dec-18
Sample Date § 05-Dec-18

Equipment Information
Machine §
Description §
Manufacturer §
Model §
Serial Number §
Customer Reference §
Fuel Type
Unique Code
Oil Grade §
Site §

ADVANCED WARNING

BOBST

Comment
The results of the current Motorex sample do not match the Bobst reference sample.
This is an example report for discussion purposes only.

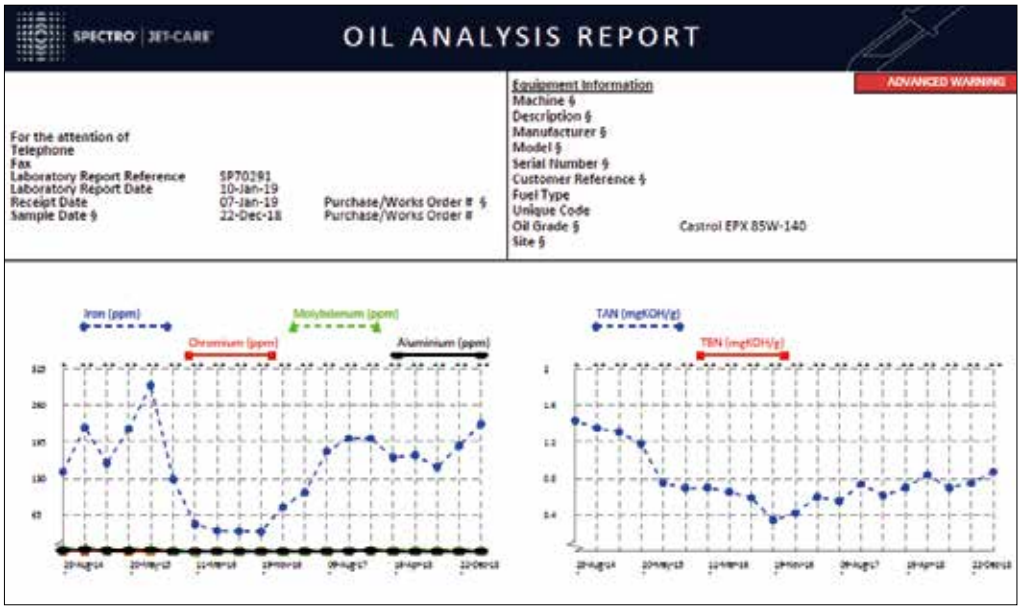
Sample Number			Reference	Low Limit	High Limit	1 **
Analysis Date						13-Dec-18
Sample Date §						05-Dec-18
Lab Reference						
Unit Life						
Oil Life						
Oil Added §						
Ticket Number §						
Physical Condition						
Water	(M01)(23/26)	% wt	0.0039	-	0.1	0.0058
Viscosity at 40°C	(M02)	cSt	218	164	290	216
Viscosity at 100°C	(M02)	cSt	29.5	22.5	36.5	19.3 **
Viscosity Index	(M02)		176	136	-	101 **

If your results are outside the limits, the colour will indicate the results in alert.
GREEN = Normal
YELLOW = early alert = *
RED = advance alert =**

Analysis results of your fresh oil

Lower and upper limits applied

Page 1



SPECTRO | JET-CARE

OIL ANALYSIS REPORT

For the attention of
Telephone
Fax
Laboratory Report Reference SP70281
Laboratory Report Date 10-Jan-19
Receipt Date 07-Jan-19
Sample Date § 22-Dec-18
Purchase/Works Order # §
Purchase/Works Order #

Equipment Information
Machine §
Description §
Manufacturer §
Model §
Serial Number §
Customer Reference §
Fuel Type
Unique Code
Oil Grade § Castrol EPX 85W-140
Site §

ADVANCED WARNING

Iron (ppm)
Molybdenum (ppm)
Chromium (ppm)
Aluminium (ppm)
TAN (mgKOH/g)
TBN (mgKOH/g)

Page 2 of the report shows the same information in a graphic format and the trend of your oil results.

Page 2

These operator instructions are available in German, French, Italian and Spanish in a digital format.
Please contact your local BOBST representative.

BSA096100299 052 01