

Check Oil Analysis STFC and Oil Sampling Kit SFSK

Product Description

Fluid analysis is a crucial component of any oil management program. Early detection of potential problems can prevent costly repairs and downtime. STAUFF SFSK oil analysis kits provide the tools to take a sample from a STAUFF test coupling or directly from a reservoir or sump.

For this the supplied hose is directly connected to the test coupling with an adapter and the fluid is filled into the supplied vials.

But there is also the possibility to draw up the sample directly from a tank with the hand pump and fill it into the vial.

This sample set is available in two versions with BSP and NPT test couplings.

The STAUFF Check Fluid Analysis Kit includes complete laboratory analysis of your oil sample as part of the initial purchase price of the kit. Each kit includes an ultra-clean bottle with pre-addressed mailer and sample information sheet.



Check Oil Analysis STFC



Oil Sampling Kit SFSK

Scope of Delivery (SFSK)

- Contains vacuum pump for drawing samples of oil equipment
- 1 m / 3.28 ft hose for insertion into tank
- Two sample bottles
- STAUFF test points and adaptor allows oil sample to be taken from STAUFF Test 20 test points

STFC - Test carried out include:

- Spectrographic analysis - 19 elements for wear metals, contaminants and additives
- Viscosity - the kinematic viscosity reported in centistokes (cSt)
- Visible debris analysis - microscopic examination of any visible debris in the sample
- Total acid number (TAN)
- Particle count - to determine the cleanliness of the system
- Karl Fisher (KF) - to determine the exact concentration of water present in the oil

Components of SFSK-1 and SFSK-2:

- SFSK-1**
- 1x Fluid Sample Pump FSP-38
 - 1x Hose adaptor SHA-20-5,5mm
 - 1 m / 3.28 ft Push on 1/4" hose
 - 1x SMK20-1/4NPT-VD-C6F
 - 1x SMK20-7/16UNF-VE-C6F
 - Sample bottles

- SFSK-2**
- 1x Fluid Sample Pump FSP-38
 - 1x Hose adaptor SHA-20-5,5mm
 - 1 m / 3.28 ft Push on 1/4" hose
 - 1x SMK20-G1/4-PC-C6F
 - 1x SMK20-M10x1-PA-C6F
 - Sample bottles

Order Codes

SFSK-1

①

① Series and Type

NPT type	SFSK-1
BSP type	SFSK-2

STFC-10

①

① Description

Carton of 10 bottles	STFC-10
Single test bottle	STFC-01

Oil Analysis Reports

In addition to a printed report, the STAUFF Check Fluid Analysis service includes access to your test reports on the Internet.

Your reports are hosted on a secure server that you can access with your user ID and password. All that is required is a connection to the internet and a compatible browser. You can view all your current and previous test results for all of the machines you are monitoring. Track the effectiveness of your oil management program and generate detailed management summary reports.

Review Oil Analysis Results

View oil analysis sample reports, test results, trending graphs and recommendations. Access data that was traditionally accessible only to the laboratory, including, IR spectra, TAN and TBN titration plots, as well as, GC chromatograms.

Enjoy the best possible turn-around of your oil analysis samples by viewing data on-line and in real-time with your oil analysis laboratory.

Improve time management by receiving e-mail alerts notifying you when recently completed samples indicate an equipment problem when corrective action is required.

INDUSTRIAL OIL ANALYSIS REPORT		CONTAMINATION OIL CONDITION WEAR	ABNORMAL ABNORMAL NORMAL
CENTRAL 10 BAR - DIRTY - Hydraulic System			
Unit Model : 10 BAR SECTION	Date Rec'd : Nov 27, 2002	Sample Date : Nov 26, 2002	
Unit Model : (n/a)	Serial No : (n/a)	Time on Unit : 10 hrs	
Comp Model : (n/a)	Cust. Ref No : (n/a)	Time on Oil : 10 hrs	
Comp Model : (n/a)	Shop No : ST-03731	Time on Filter : 10 hrs	
RECOMMENDATION Diagnostician: Doug Rogert			
We recommend you service the filters on this component. Resample at the next service interval to monitor.			
CONTAMINATION			
Sample Date	06/13/02	08/25/02	10/09/02
Current	Alert	Alert	Alert
Iron	3.6	3.7	3.1
Nickel	0.0	0.0	0.0
Cobalt	5.2	0.0	6.0
Water (%)	0.008	0.008	0.007
1-5um	2005	8280	6265
1-15um	415	671	371
1-25um	69	98	41
1-50um	5	7	3
1-100um	0	0	0
1-200um	0	0	0
1-500um	2120916	2120917	2120916
2000um	201919	201919	201714
OIL CONDITION			
Sample Date	06/13/02	08/25/02	10/09/02
Current	Alert	Alert	Alert
Iron	3.6	3.7	3.1
Nickel	0.0	0.0	0.0
Cobalt	41	50	45
Molybdenum	0.7	0.9	0.0
Molybdenum	0.0	0.1	0.8
Bismuth	1.7	1.4	0.0
Rhosphorus	304	384	332
Sulfur	6261	8930	7338
Silica	398	468	415
Visc@40°C	66.65	65.81	68.44
Visc@100°C	---	---	7.6
Kendrick	---	---	---
TAN	0.565	0.487	0.413
TBN	---	---	---
WEAR			
Sample Date	06/13/02	08/25/02	10/09/02
Current	Alert	Alert	Alert
Iron	0.5	0.7	0.5
Nickel	0.2	0.0	0.0
Chromium	0.0	0.0	0.0
Titanium	0.0	0.0	0.0
Copper	0.7	1.0	0.7
Aluminum	0.1	0.0	0.0
Tin	0.0	0.0	1.6
Lead	0.1	0.0	0.0
Nitrate	0.0	0.0	0.0

