



Check Oil Analysis STFC

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 where corrective action is required.

DIAGNOSTICS

IND STAFF FILTRATION TECHNOLOGY INDUSTRIAL OIL ANALYSIS REPORT		CONTAMINATION OIL CONDITION WEAR		ABNORMAL NORMAL	
CENTRAL 10 BAR - DIRTY - Hydraulic System					
Unit Make'd	: 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	: 0 hrs
Comp Make'd	: (n/a)	Cust. Ref No.	: (n/a)	Time on Oil	: 0 hrs
Comp Model	: (n/a)	Stub No.	: ST-001731	Time on Filter	: 0 hrs
RECOMMENDATION Diagnostician: Doug Bogart					
We recommend you service the filters on this component. Resample at the next service interval to monitor.					
CONTAMINATION					
The system cleanliness is above the acceptable limit for your target ISO 4406 cleanliness code. There is a high amount of particulates (5 to >100 microns in size) present in the oil. Light concentration of visible dirt/debris present in the oil.	Sample Date	06/13/02	08/25/02	10/09/02	Current
Silicon	1.0	1.2	1.7	0.0	---
Potassium	5.2	0.0	6.0	6.1	---
Water (%)	0.008	0.008	0.007	0.036	---
ISO 4406	5305	8280	6785	4740	1300
ISO 4406	21/20/16	21/20/17	21/20/16	20/19/19	20/17/14
OIL CONDITION					
Oil Type: 2000 LTR of CASTROL HYPEN AWS HYDRAULIC 68	Sample Date	06/13/02	08/25/02	10/09/02	Current
The condition of the oil is acceptable for the time in service. Sample is hazy in appearance.	Boron	3.6	3.7	3.1	3.4
Barium	0.0	0.0	0.0	0.0	---
Calcium	41	50	45	37	---
Magnesium	0.7	0.9	0.0	0.0	---
Molybdenum	0.0	0.1	0.8	0.0	---
Sodium	1.7	1.4	0.0	0.4	---
Phosphorus	304	384	332	353	---
Sulfur	6261	8930	7538	8708	---
Zinc	398	468	415	437	---
Visc@40°C	66.65	65.81	68.44	67.61	68
Visc@100°C	---	---	---	---	7.6
Oxidation	---	---	---	---	---
ITAN	0.565	0.487	0.413	0.488	---
ITBN	---	---	---	---	---
WEAR					
All component wear rates are normal.	Sample Date	06/13/02	08/25/02	10/09/02	Current
Iron	0.5	0.7	0.5	0.3	---
Nickel	0.2	0.6	0.0	0.0	---
Chromium	0.0	0.0	0.0	0.0	---
Titanium	0.0	0.0	0.0	0.0	---
Copper	0.7	1.0	0.7	0.2	---
Aluminum	0.1	0.0	0.0	0.0	---
Tin	0.0	0.0	1.6	0.0	---
Lead	0.1	0.0	0.0	0.0	---
Silver	0.0	0.0	0.0	0.0	---

