

Control #	055120120121	078620110908	066420110304	057120100428	049220100421
Date Taken	01/18/2012	09/06/2011	03/02/2011	04/28/2010	04/18/2010
Service Meter Reading	0	0	0	0	0
Fluid Run Time	0	0	0	0	0
Fluid Added Gal / Qts	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Fluid Status	Sampled	Sampled	Sampled	Sampled	Sampled
Filter Changed	Unknown	Unknown	Unknown	Unknown	Unknown
Chrome (CR)	0	0	0	0	0
Copper (CU)	0	2	1	1	1
Iron (FE)	0	1	2	2	1
Lead (PB)	0	1	0	1	1
Tin (SN)	0	0	0	0	0
Aluminum (AL)	0	0	0	0	0
Silicon (SI)	0	3	0	4	0
Antimony (SB)	0	0	0	0	0
Barium (BA)	0	0	0	0	0
Potassium (K)	0	0	0	2	0
Boron (B)	1	2	2	0	1
Cadmium (CD)	0	0	0	0	0
Calcium (CA)	60	81	36	92	64
Magnesium (MG)	0	8	6	10	0
Moly (MO)	0	1	0	1	0
Nickel (NI)	0	0	0	0	0
Manganese (MN)	0	0	0	0	0
Phosphorus (P)	27	37	36	40	26
Silver (AG)	0	0	0	0	0
Sodium (NA)	0	1	0	1	1
Titanium (TI)	0	0	0	0	0
Vanadium (V)	0	0	0	0	0
Zinc (ZN)	29	47	21	53	34
Visc 40°C	34.3	34.4	35.1	34.1	34.4
Anti-Freeze	Negative	Negative	Negative	Negative	Negative
Oxidation	0.00	0.00	0.00	0.00	0.00
Nitration	0.00	0.00	0.00	0.00	0.00
TAN	0.1	0.1	0.1	0.3	0.1
4 microns	286949	7457	7455	26795	345233
6 microns	131101	2413	2854	11717	175465
14 microns	22255	316	431	1366	5000
ISO	25/24/22	20/18/15	20/19/16	22/21/18	26/25/19
KF Water	4891	103	208	522	3518



## COMPLETE FLUIDS ANALYSIS

**Critical**

1 of 1

04/02/2012

**Make / Model**

FLOW SERVE

**Unit Serial**

P-1718 7121718

**Compartment**

Compressor

**Fluid Type**

ISO 32

**WO / Reference**

### Current Interpretation

Sample shows excessive water. Particle count data is high overall. Oil is visibly cloudy/milky. Please check sampling procedure. Check and repair source of water. Change oil and filters if not already done. Resample at half the normal interval. Emergency notification made or attempted.

TITAN LABORATORIES TEST ACCOUNT  
 Attn: Dawn J. Brown  
 1380 Zuni St.  
 Denver, CO 80204

**Interpretation from sample # 078620110908 ( Normal )**

All readings appear to be within normal range. Resample at the normal interval.

**Interpretation from sample # 066420110304 ( Normal )**

All readings appear to be within normal range. Resample at the normal interval.

**Interpretation from sample # 057120100428 ( Reportable )**

Particle count is still above normal; Could be normal for application/design. No ISO given to meet. All other data is normal. Check to see if sample was taken hot. Resample at half the normal interval.

**Interpretation from sample # 049220100421 ( Critical )**

Sample is positive for water. Sample shows 3.5% of water. Particle count is very high; however, due to the amount of water content, this data may not be valid. No ISO given to meet. Oil is visibly cloudy/milky. Check and repair source of water. Change oil if not already done. Resample at half the normal interval. Emergency notification made or attempted.