

Control #	042120100607	024320100504	021020100402	032420100204
Date Taken	05/29/2010	04/29/2010	03/30/2010	01/30/2010
Service Meter Reading	0	0	0	0
Fluid Added Gal / Qts	1 / 0	2 / 0	1 / 0	0 / 2
Fluid Status	Sampled	Sampled	Sampled	Sampled
Filter Changed	Yes	Yes	Yes	Yes
Chrome (CR)	1	1	0	1
Copper (CU)	7	1	1	0
Iron (FE)	12	8	5	6
Lead (PB)	5	4	2	4
Tin (SN)	0	0	0	0
Aluminum (AL)	0	0	1	1
Silicon (SI)	3	5	0	1
Antimony (SB)	0	0	0	0
Barium (BA)	0	0	0	0
Boron (B)	13	15	15	30
Cadmium (CD)	0	0	0	0
Calcium (CA)	1445	1338	1302	1500
Magnesium (MG)	290	359	481	314
Moly (MO)	17	17	32	14
Nickel (NI)	0	0	0	0
Phosphorus (P)	778	681	751	872
Silver (AG)	0	0	0	0
Sodium (NA)	4	6	10	12
Titanium (TI)	1	1	2	37
Zinc (ZN)	938	900	1049	1215
Visc 100°C	15.8	15.1	14.3	15.1
Water	Negative	Negative	Negative	Negative
Fuel	Negative	Negative	Negative	Negative
Anti-Freeze	Negative	Negative	Negative	Negative
Soot	1.2	0.5	0.2	0.2
Oxidation	0.10	0.09	0.06	0.07
Nitration	0.12	0.11	0.07	0.08
Sulfation	0.09	0.06	0.05	0.07
TBN	7.4	7.3	7.2	7.6



1380 Zuni Street Denver, CO 80204  
800-848-4826

**Normal**

1 of 1

06/08/2010

**Make / Model**

KENWORTH W900

**Compartment**

Diesel Engine

**Fluid Type**

ROTELLA 15W40

**WO / Reference**

**Current Interpretation**

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

GULF COAST FILTERS, INC.  
Attn: JERRY SIMS  
P. O. BOX 2787  
GULF PORT MS 39505

Interpretation from sample # 024320100504 ( Normal )

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

Interpretation from sample # 021020100402 ( Normal )

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

Interpretation from sample # 032420100204 ( Normal )

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

## **Particle Count - Why is it needed?**

All Hydraulic/Turbine Systems have a level of Fluid cleanliness that needs to be adhered to.

Especially with any system that has a piston pump. We can run particle count to ensure optimum pump and valve life. It is all about

Contamination Control. Call the lab at

1-800-848-4826

Ext: 5488 for more information.



**Particle Count**