

Elements - Parts Per Million (ppm)

Particles

Physicals

Consumption

Elements - Parts Per Million (ppm)												Particles								Physicals				Consumption					
Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil		
06/06/2015	625	<1	1	3	38	179	5	8	1	53	8	356	21	157		315					295	<0.1					0		
Hours																													
Unit	8265	Evaluation											Oil Information				Recommendation												
Comp	8265	Aluminium & Silicon may indicate a degree of dirt/dust, causing increased wear rates as seen in Iron & PQ index (ferrous debris). Have any repairs been carried out recently?											Make: .				Recommend monitor mag.plugs for wear debris & investigate all possible dirt entry points (seals, gaskets or breathers). All information on repairs is greatly appreciated. Consider changing out the oil to remove contaminants and decrease rates of wear.												
Oil	500												Type: ?																
Changed	N												Grade: 85W140																

Normal
Query
Caution
Action
Critical

Elements - Parts Per Million (ppm)

Particles

Physicals

Consumption

Elements - Parts Per Million (ppm)												Particles								Physicals				Consumption							
Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil				
25/08/2015	842	<1	2	5	35	178	2	6	1	49	8	328	21	153		357					306	<0.1					0				
Hours																															
Unit	9000	Evaluation											Oil Information				Recommendation														
Comp	9000	No oil hours on card. Assumed oil hours. Aluminium & Silicon may still indicate a decreased degree of dirt/dust which appears to still be effecting the results for Iron, Chromium & PQ Index.											Make: .				Recommend to investigate possible points of entry for dirt/dust & seal area for oil leaks. Inspect magnetic plug (if fitted) for increased debris & sample at half the next service intervals to monitor further and trend.														
Oil	1235												Type: ?																		
Changed	Y												Grade: 85W140																		

Normal
Query
Caution
Action
Critical

Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil
06/06/2015	625	<1	1	3	38	179	5	8	1	53	8	356	21	157		315					295	<0.1					0
Hours	Evaluation											Oil Information			Recommendation												
Unit	8265	Aluminium & Silicon may indicate a degree of dirt/dust, causing increased wear rates as seen in Iron & PQ index (ferrous debris). Have any repairs been carried out recently?											Make: .			Recommend monitor mag.plugs for wear debris & investigate all possible dirt entry points (seals, gaskets or breathers). All information on repairs is greatly appreciated. Consider changing out the oil to remove contaminants and decrease rates of wear.											
Comp	8265												Type: ?														
Oil	500												Grade: 85W140														
Changed	N																										

Normal
Query
Caution
Action
Critical



Maintenance/Service Register

Unit No	Desc	Make	Model	Year	Vin	Eng No	Rego
WW25	Kenworth	Kenworth	T659		2013 6F500000DA448777	79616488	874VFZ
	Transmission	Eaton	Ultra Shift plus				
Filters	Oil	Air	Spinner	Fuel	Fuel/Water Separator	Transmission	Crank Case Filter
	LF9070	AF887KM	596HE Oil Centrifuge	FF2200	FS19729	HF6107	CV5063400/ 4312013 Fleetguard
Oil	Engine Type	Gear Type	Diff Type	Transfer Type	Hydraulic Type	Hydraulic	Fuel - New System
	CJ4 ratio		80W/90	SIN50		RTF50D10B OR	133-5673 CAT
						HF35209	
Uni	PN 5-676X Type 1810						
Date	WORK PERFORMED					Completed By	
2-Dec	Brown & Hurley -					Brown & Hurley	295228
9/12/2014	Mount Side Lights					WWATS NS	
9/12/2014	Repair Air - Repair Fire Extinguisher Bracket, Fit Mirror Back Lights					WWATS NS	
21/12/2014	Fit Light Bars, Change Hoses Air Lines					John G	
22/12/2014	Repair intake pipe bracket, belt tensioner (ordered)					John G	
22/12/2014	Replace Clutch, Rear Engine Seal (Cummins), Spigot Bearing, Flywheel reconc, Uni Joint Rear Diff,						
24/12/2014	Replace Fan Belt Tensioner					John G	
28/12/2014	Check Gearbox & Diffs, King Pins, Front Hubs, Bins & Lids					John G	
29/12/2014	Fit Mud Guard Pipe, grease & Check all oils					Cam	
30/12/2014	Fit New Hydrasulic Fittings					Cam	
31/12/2014	Service - Change Filters (Less 1 Air)					Cam	
3/01/2015	Move Kingpin					Cam	
31/12/2014	Computer Check Gearbox operations - Fault Code 71 status inactive - Clutch Calibration & Adjust					QTC	
31/12/2014	Unblock Brake Valves & AC inspection					QTC	
12/01/2015	12 sets Brake Pads replaced, new tensioner belt & belt, adjusted brakes					John G	
14/01/2015	Rebuild Fan Clutch, Adjust Bonnet & Fit Rubber to bonnet					John G	
15/01/2015	Investigate Belt Squeal						
15/01/2015	Replace Fuel Hose & Oil Hoses					Enzed	
17/01/2015	Fit new bearing in AC Idler Pulley					John G	
16/01/2015	Fix Lights					Matty Box	
19/01/2015	Clear Transmission Fault					John G	
20/01/2015	Change Radiator Hose						
31/1/15 to 5/2/15	Front Diff - Fit New Diff Centre & Through Shaft Ebaring, Fit 1 x New Uni at front diff & replacce light plug					John G	
1/02/2015	Relocate Batteries					John G	
21/02/2015	Service - Change Filters					WWATS NS	
23/02/2015	Temp repairs to Air Bag - Fit New Valve @ George Fisher					John G	
27/02/2015	250hr service, check wheel bearings, king pins, Change Diff Oils, Fit new fan hub & Radiator support rubbers					John G	
28-Feb	Fit Circlips & Washers to Slack Adjusters					John G	
2-Mar	Change Bearings in AC Idler Pulley & Tensioner, Fit New Fan Belt					John G	
4-Mar	Fit New Shioirt Belt & Ideler Pulley on AC					John G	
9/03/2015	8 x Driver Tyres - Ogreen AG598 - 349200					Beaureapirs	
6-Mar	Service Air Driers & Water Extractors					John G	
7-Mar	Replace Cab Air Bags & Rear Engine Mounts					John G	
9/03/2015	Cab Air Bag Electrical Fault - Code 71					John G	

5909

13/03/2015	Repair Air Line	John G	
15/03/2015	Electrical Fault	M Ford	
16/03/2015	Service, replace cab shocky	WWATS	
19/03/2015	Replace Compressor TX Valve Reciver Drier	Cava	
24/03/2015	Fuel Filter O Ring Corrected	Cummins	
28/03/2015	New Drives to WW25 362895 Golds	Troy	
28/03/2015	Greased Trucks & Trailers Check all wheel beatrings - Fix 2 x side lights	Eddie	
7/04/2015	Cummins replace Fuel Internal Particle Filter & Doser	Cummins	369530/7546hrs
5/04/2015	Replace Starter Motor, Check Lights, Stationary Burn, Fix Turntable	John G	
6/04/2015	Replace Fuse for Light Bar, Check Lights	John G	
4/04/2015	SERVICE - Repair Air Leaks & Check XY Shifter	John G	
4/04/2015	Replace Engine Centrifuge Hose as required	Enzed	
8/04/2015	Fix sensor Problems	Cam	
16/04/2015	Repair Wiring to Crankcase pressure Sensor	Cummins	FC 1844
22/04/2015	WW25 Services - 250 HOUR		
25/04/2015	Fit New Transmission Oil Pressure Sender, repair blinker wiring	John G	
28/04/2015	Fit new Mudguard	John G	
30/04/2015	Replace Front Uni Joint	WWATS	
2/05/2015	Brakes - service brake valve problems	John G	
4/05/2015	Fit new Horton Fan filter - refit mudguard	John G	
6/05/2015	Fit SR7 Brake Valve - Rotate front tyres, repair electrical faults at Front LH Bonnett Pivot	John G	
11/05/2015	Replace Batteries, Check Electrval Fault	WWATS	
11/05/2015	Earth Lead Alternator to Starter Motor replaced	Cava	
14/05/2015	1000 hr service, fit cat fuel filter, blinker wiring, grease, check & fix air leaks, modify transmission, oil filter	WWATS	
17/05/2015	Modify Toolbox Mount	John G	
18/05/2015	Tail Light Wiring replace and replace no plate light		
20/05/2015	Grease Drive Line	Cam	
21/05/2015	Remove Drive Shaft, End Float & Input shaft	WWATS	
22/05/2015	Replace Front Diff Centre - Cntre Bearing & Drive Shaft	WW	
24/05/2015	Fit Air Line & Tarp,	Ray	
30/05/2015	Fit New Tail Shaft	John G	
31/05/2015	Finish Tail Shaft - Grease & Check all components	John G	
4/06/2015	Clean Turntable	John G	
6/06/2015	250 hr service - grease & Check Wheel bearings, Brakes, Fix Air Leaks, Change Turntable	John G	
7/06/2015	Drive Tyres GT368 Good Tyres	WWATS	401451
18/06/2015	Fix Bolt on Chassis and Suspension, Grease & Check over under bonnet	Matty Box	
20/06/2015	Toolbox Mount & Bracket	Graham Josh	
20/06/2015	250 hr Service - Filters and Fluids Diff Oil Levels & gearbox Oil levels	WWATS	
24/06/2015	Grease & Check	John G	
27-Jun	Grease & Check	John G	
4/07/2015	Drive Tyres GT368 Good Tyres	WWATS	423908
4/07/2015	750hr Service (Oil,Air,Fuel Filters- Grease , Brake Adjust & Check - Change Front Diff Oil, New Bug Deflector	WWATS	
8/07/2015	Grease & Check	cam	
10/07/2015	Grease & Check	John G	
12/07/2015	Adjust Pinion Bearing, End Float, Fab Spanner & Yoke Puller, Fit New Yoke Seal & Uni, Grease Check King Pins & Wheel	John G	
14/07/2015	Engine light On - Low Power - Fuel System Check & Replace Filter, Check Intake piping	Cummins	432970

18/07/2015	Fault Find Auto, remove output shaft speed sensors & Check, Remove Driveshaft & output yoke from gearbox and check tone wheel, remove housing & remove broken speed sensor & refit	John G	
19/07/2015	Wiring Harness Checvs, Remive Air Lines from compressor to air driers	John G	
22/07/2015	Yoke & Gearbox, Uni and Tailshaft, Fit New Trnasmission harness, X-Y Shifter & ECU, Check Tone Wheel Fit New Seal, Repair Short in Reverse Alarm	WWATS	434653.7
23/07/2015	Fit New Bonnet Latch	John G	
1/08/2015	Replace Bolts on Mud Guards	Steve	
31/07/2015	Service & change all four rear shockies	Cam	
1/08/2015	Repair Beeper Reverse Fault	M Howearth	
5/08/2015	Check ECM Fit & Reprogram ECM & Remove old	John G	
9/08/2015	Repair Spotlight Wiring, Replace RH Ride Height Valve & Adjust Height,	John G	
8/08/2015	8 x Driver Tyres - Good Tyres 368 - 448193		448193
8/08/2015	Weld up cracked mounting brackets on DPF Filter	M Howearth	
19/08/2015	Check Engine, Check & Grease Driveline	John G	
21/08/2015	Replace LHS Air Bag on Front Diff & RH Side Air Bag on Rear Diff	M Howearth	
22/08/2015	Wheel Alignment	Murphys	
22/08/2015	500 Hour Service		457919
26/08/2015	Change Drive Tyre POS 7		459186.8
2/09/2015	Fit New Cab Air Bag	John G	
2/09/2015	Windscreen	Roger Locke	
4/09/2015	8 Drives LM305	Eddie	465895
3/09/2015	Fit new safety Straps around shock absorbers, New Ddrive Tyres, Replace rear Diff Oil, Repalce RH High Beam Lenses, Repair Park Lights, Disassemble LHS Front Hub - inspect and adjust bearings, replace hub seal & gasket, replace top radiator hose to engine, grease truck, Replace Cab Air Bag, Fit New Pins and Bushews to turntable & grease, Adjust Front Brakes	M Howearth	465817
13/09/2015	Service as per service sheet	M Howearth	470208
16/09/2015	Recon Fan Hub		
18/09/2015	Replace Broken Exhaust Flex pipe	M Howearth	475292
26/09/2015	Maintenance - Check Bearings & Change Tyres	M Box	
26/09/2015	Services as per service sheet	M Howearth	480703
28/09/2015	Spot Light Bracket repaired		
1/10/2015	8 x Drives GT 328		483690
3/10/2015	Replace Cracked Pan Hard Support on LHS engine, Replace Cab ride height control valve	M Howearth	483695
7/10/2015	Grease Driveline & Checks	John G	
12/10/2015	Replace Engine Rear mounts, rotate steers	John G	
29/10/2015	Replacer Cab Mounts	John G	
13/11/2015	250 Hour Service, Adjust Brakes, Lights, Grease, Check King Pin & Steering, Check Driveline	John G	
14/11/2015	Fit New Cab Shocky	John G	
20/11/2015	Check & grease Driveline	John G	
28/11/2015	Fit new Air bag pos 5, fit new power divider piston, grease & check	John G	
3/12/2015	Fix Mudguards	Cam	
4/12/2015	Replacce LH Front Hub Seal & inspect brake drum. Adjust front brake shoes		
7/12/2015	Replace LH Front Hub Seal, Replace Front Mudflaps, Replace Rear Mud Guards, Remove Bottom Dust Covers, Remove		
14/12/2015	Meter Reads		503258
16/01/2016	Fit New Water pump 3684450 & seals	M Howearth	

9470

9500

9647

9647

9744

474282

9979

10052

10462

Elements - Parts Per Million (ppm)

Particles

Physicals

Consumption

Date		Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	ISO	PQ	Soot	Oxi	Nit	Sul	V100	Water	KF	Fuel	TAN	TBN	Oil	Normal Query Caution Action Critical
06/06/2015		37	3	1	1	2	3	8	1	33	748	1065	908	1088	<1		20	206	20	14	33	14.6	<0.1		0			2	
Hours		Evaluation											Oil Information			Recommendation													
Unit	8265	All tests on this sample appear acceptable, continue to sample at the normal rate.											Make: LSA																
Comp	8265												Type: ?																
Oil	265												Grade: 15W40																
Changed	Y																												

Date		Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	ISO	PQ	Soot	Oxi	Nit	Sul	V100	Water	KF	Fuel	TAN	TBN	Oil	Normal Query Caution Action Critical
14/05/2015		34	3	1	1	1	3	5	<1	38	692	1059	996	1073	2		18	200	19	13	31	14.5	<0.1		0			0	
Hours		Evaluation											Oil Information			Recommendation													
Unit	8000	Soot appears higher than normal but does not appear to be effecting wear element results at this time. Continue sampling at normal intervals.											Make: LSA			As a precaution inspect air inlet system for restrictions.													
Comp	8000												Type: ?																
Oil	250												Grade: 15W40																
Changed	Y																												

Normal

Query
Caution
Action
Critical

Normal

Query
Caution
Action
Critical

Elements - Parts Per Million (ppm)

Particles

Physicals

Consumption

Date		Elements - Parts Per Million (ppm)										Physicals				Physicals				Consumption				Normal Query Caution Action Critical						
18/07/2015		Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	ISO	PQ	Soot	Oxi	Nit	Sul	V100	Water		KF	Fuel	TAN	TBN	Oil	
Hours		33	3	1	1	2	3	5	<1	38	715	1094	943	1170	1			21	156	19	13	30	14.7		<0.1		0			0
Unit		9000	Evaluation										Oil Information				Recommendation													
Comp		9000	Soot appears to remain elevated but does not appear to be effecting wear element results at this time. Continue sampling at normal intervals.										Make: LSA				As a precaution inspect air inlet system for restrictions.													
Oil		250											Type: ?																	
Changed		Y											Grade: 15W40																	

Date		Elements - Parts Per Million (ppm)										Physicals				Physicals				Consumption				Normal Query Caution Action Critical						
06/06/2015		Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	ISO	PQ	Soot	Oxi	Nit	Sul	V100	Water		KF	Fuel	TAN	TBN	Oil	
Hours		37	3	1	1	2	3	8	1	33	748	1065	908	1088	<1			20	206	20	14	33	14.6		<0.1		0			2
Unit		8265	Evaluation										Oil Information				Recommendation													
Comp		8265	All tests on this sample appear acceptable, continue to sample at the normal rate.										Make: LSA																	
Oil		265											Type: ?																	
Changed		Y											Grade: 15W40																	

Date		Elements - Parts Per Million (ppm)										Physicals				Physicals				Consumption				Normal Query Caution Action Critical						
14/05/2015		Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	ISO	PQ	Soot	Oxi	Nit	Sul	V100	Water		KF	Fuel	TAN	TBN	Oil	
Hours		34	3	1	1	1	3	5	<1	38	692	1059	996	1073	2			18	200	19	13	31	14.5		<0.1		0			0
Unit		8000	Evaluation										Oil Information				Recommendation													
Comp		8000	Soot appears higher than normal but does not appear to be effecting wear element results at this time. Continue sampling at normal intervals.										Make: LSA				As a precaution inspect air inlet system for restrictions.													
Oil		250											Type: ?																	
Changed		Y											Grade: 15W40																	

Normal

Query
Caution
Action
Critical

Normal

Query
Caution
Action
Critical

Normal

Query
Caution
Action
Critical

Elements - Parts Per Million (ppm)

Particles

Physicals

Consumption

Elements - Parts Per Million (ppm)												Articles				Physicals				Consumption									
Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	Li	ISO	PQ	Soot	Oxi	Nit	Sul	V100	Water	KF	Fuel	TAN	TBN	Oil	Normal Query Caution Action Critical
26/09/2015	36	3	1	1	2	3	7	<1	43	740	1141	959	1170	3			20	191	19	14	31	14.8	<0.1		0			0	
Hours	Evaluation											Oil Information				Recommendation													
Unit	All tests on this sample appear acceptable, further monitor at the next sample.											Make: LSA																	
Comp												Type: ?																	
Oil												Grade: 15W40																	
Changed	Y																												
Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	Li	ISO	PQ	Soot	Oxi	Nit	Sul	V100	Water	KF	Fuel	TAN	TBN	Oil	Normal Query Caution Action Critical
22/08/2015	27	2	1	1	1	3	5	1	45	766	1127	967	1169	2			18	152	17	12	28	14.7	<0.1		0			0	
Hours	Evaluation											Oil Information				Recommendation													
Unit	Readings appear acceptable, sample at the next scheduled interval.											Make: LSA																	
Comp												Type: ?																	
Oil												Grade: 15W40																	
Changed	Y																												
Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	Li	ISO	PQ	Soot	Oxi	Nit	Sul	V100	Water	KF	Fuel	TAN	TBN	Oil	Normal Query Caution Action Critical
18/07/2015	33	3	1	1	2	3	5	<1	38	715	1094	943	1170	1			21	156	19	13	30	14.7	<0.1		0			0	
Hours	Evaluation											Oil Information				Recommendation													
Unit	Soot appears to remain elevated but does not appear to be effecting wear element results at this time. Continue sampling at normal intervals.											Make: LSA				As a precaution inspect air inlet system for restrictions.													
Comp												Type: ?																	
Oil												Grade: 15W40																	
Changed	Y																												
Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	Li	ISO	PQ	Soot	Oxi	Nit	Sul	V100	Water	KF	Fuel	TAN	TBN	Oil	Normal Query Caution Action Critical
06/06/2015	37	3	1	1	2	3	8	1	33	748	1065	908	1088	<1			20	206	20	14	33	14.6	<0.1		0			2	
Hours	Evaluation											Oil Information				Recommendation													
Unit	All tests on this sample appear acceptable, continue to sample at the normal rate.											Make: LSA																	
Comp												Type: ?																	
Oil												Grade: 15W40																	
Changed	Y																												

Elements - Parts Per Million (ppm)

Particles

Physicals

Consumption

Date		Elements - Parts Per Million (ppm)											Particles							Physicals							Consumption		
06/05/2015		Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil	
Hours		383	2	19	4	3	64	5	6	<1	2	27	215	28	3		187					352	<0.1					0	
Unit	8265	Evaluation											Oil Information			Recommendation													
Comp	500	(note: limited sample history limits accuracy of diagnosis) Readings appear to be satisfactory, keep sampling at the normal rate											Make: .			As this appears to be the first sample received for this component, please sample at half the regular interval to further establish a wear trend.													
Oil	500												Type: ?																
Changed	N												Grade: 85W140																

Normal

Query

Caution

Action

Critical

Elements - Parts Per Million (ppm)

Particles

Physicals

Consumption

Elements - Parts Per Million (ppm)												Parameters								Physicals				Consumption			
Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil
25/08/2015	686	4	30	6	4	69	2	6	1	2	24	221	29	7		225					358	<0.1					0
Hours	Evaluation											Oil Information				Recommendation											
Unit	All results appear acceptable for assumed initial run-in period, continue to sample at normal rate to monitor further.											Make: .															
Comp												Type: ?															
Oil												Grade: 85W140															
Changed	Y																										

Normal

Query

Caution

Action

Critical

Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil
06/05/2015	383	2	19	4	3	64	5	6	<1	2	27	215	28	3		187					352	<0.1					0
Hours	Evaluation											Oil Information				Recommendation											
Unit	(note: limited sample history limits accuracy of diagnosis) Readings appear to be satisfactory, keep sampling at the normal rate											Make: .				As this appears to be the first sample received for this component, please sample at half the regular interval to further establish a wear trend.											
Comp												Type: ?															
Oil												Grade: 85W140															
Changed	N																										

Normal

Query

Caution

Action

Critical

Normal

Query
Caution
Action
Critical

Normal

Query
Caution
Action
Critical

Elements - Parts Per Million (ppm)

Particles

Physicals

Consumption

Elements - Parts Per Million (ppm)												Particles				Physicals				Consumption									
Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	Li	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil	Normal Query Caution Action Critical
26/09/2015	240	<1	1	1	8	51	2	2	<1	17	11	192	9	51	<1		144					382	<0.1					0	
Hours	Evaluation											Oil Information				Recommendation													
Unit	All tests on this sample appear acceptable, keep sampling to further monitor.											Make: .																	
Comp												Type: ?																	
Oil												Grade: 85W140																	
Changed	Y																												

Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	Li	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil	Normal Query Caution Action Critical
25/08/2015	842	<1	2	5	35	178	2	6	1	49	8	328	21	153			357					306	<0.1					0	
Hours	Evaluation											Oil Information				Recommendation													
Unit	No oil hours on card. Assumed oil hours. Aluminium & Silicon may still indicate a decreased degree of dirt/dust which appears to still be effecting the results for Iron, Chromium & PQ Index.											Make: .				Recommend to investigate possible points of entry for dirt/dust & seal area for oil leaks. Inspect magnetic plug (if fitted) for increased debris & sample at half the next service intervals to monitor further and trend.													
Comp												Type: ?																	
Oil												Grade: 85W140																	
Changed	Y																												

Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	Li	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil	Normal Query Caution Action Critical
06/06/2015	625	<1	1	3	38	179	5	8	1	53	8	356	21	157			315					295	<0.1					0	
Hours	Evaluation											Oil Information				Recommendation													
Unit	Aluminium & Silicon may indicate a degree of dirt/dust, causing increased wear rates as seen in Iron & PQ index (ferrous debris). Have any repairs been carried out recently?											Make: .				Recommend monitor mag.plugs for wear debris & investigate all possible dirt entry points (seals, gaskets or breathers). All information on repairs is greatly appreciated. Consider changing out the oil to remove contaminants and decrease rates of wear.													
Comp												Type: ?																	
Oil												Grade: 85W140																	
Changed	N																												

Elements - Parts Per Million (ppm)

Particles

Physicals

Consumption

Elements - Parts Per Million (ppm)												Particulates				Physicals				Consumption							
Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil
06/06/2015	22	9	2	<1	1	7	4	1	2	895	694	1120	57	62	21/14	20		58	4	51	129	<0.1					0
Hours	Evaluation											Oil Information				Recommendation											
Unit	8265	Viscosity appears low for stated oil. All other tests on this sample appear acceptable, continue to sample at the normal rate.											Make: LSA				Please check and confirm oil type, make and grade for future samples.										
Comp	8265												Type: ?														
Oil	500												Grade: 50W														
Changed	N																										

Normal

Query

Caution

Action

Critical

Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil
14/05/2015	41	4	2	<1	2	4	4	<1	8	24	61	1032	160	178	21/14	20		65	6	54	121	<0.1					0
Hours	Evaluation											Oil Information				Recommendation											
Unit	8000	Viscosity appears low for stated oil. Results appear to be acceptable for first sample on component. Sample at the next sample interval to establish a wear trend.											Make: LSA				Please check and confirm oil type, make and grade for future samples.										
Comp	8000												Type: ?														
Oil	1000												Grade: 50W														
Changed	Y																										

Normal

Query

Caution

Action

Critical

Normal

Query
Caution
Action
Critical

Normal

Query
Caution
Action
Critical

Elements - Parts Per Million (ppm)

Particles

Physicals

Consumption

Elements - Parts Per Million (ppm)												Particles					Physicals					Consumption							
Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	Li	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil	Normal Query Caution Action Critical
26/09/2015	43	7	3	<1	2	8	2	<1	1	787	771	1091	42	54		23/21/14	22		59	4	52	126	<0.1					1	
Hours	Evaluation											Oil Information					Recommendation												
Unit	Readings appear to be satisfactory, keep sampling at the normal rate											Make: LSA																	
Comp												Type: ?																	
Oil												Grade: 50W																	
Changed	Y																												

Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	Li	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil	Normal Query Caution Action Critical
06/06/2015	22	9	2	<1	1	7	4	1	2	895	694	1120	57	62		21/14	20		58	4	51	129	<0.1					0	
Hours	Evaluation											Oil Information					Recommendation												
Unit	Viscosity appears low for stated oil. All other tests on this sample appear acceptable, continue to sample at the normal rate.											Make: LSA					Please check and confirm oil type, make and grade for future samples.												
Comp												Type: ?																	
Oil												Grade: 50W																	
Changed	N																												

Date	Fe	Pb	Cu	Cr	Al	Si	Na	K	Mo	Mg	Zn	P	Ca	B	Li	ISO	PQ	Soot	Oxi	Nit	Sul	V40	Water	KF	Fuel	TAN	TBN	Oil	Normal Query Caution Action Critical
14/05/2015	41	4	2	<1	2	4	4	<1	8	24	61	1032	160	178		21/14	20		65	6	54	121	<0.1					0	
Hours	Evaluation											Oil Information					Recommendation												
Unit	Viscosity appears low for stated oil. Results appear to be acceptable for first sample on component. Sample at the next sample interval to establish a wear trend.											Make: LSA					Please check and confirm oil type, make and grade for future samples.												
Comp												Type: ?																	
Oil												Grade: 50W																	
Changed	Y																												