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S-O-S[®] Services

	" Custo	mer I	nformati	on				Eva	aluation / Re	commend	ation										
ATTN: 157 LA	WEST GRC Clint Cragar NE STREE DER, WA ,Ai	ר ד	a 6432	2		not quoted	I. All test resu this evaluatio a trend.	ne oil brand, type ar ılts appear normal. n, please contact Ji	Continue to sa	imple at cons	istent inter	vals. For	enquiries	3							
						A No	Action	is Required.		Interpreted	by: Jim	Durning									
								Ur	nit Informati	on											
Unit Nur	mber W	/L146						Equip Make	Caterpil	lar					Comp	art Make	•				
Location	ı							Equip Model	990 II						Comp	art Mode	el				
Compar	tment S	TEERI	ING SYST	EM				Equip Serial	BCR10	015					Comp	art Seria	I				
Job No								Туре	Oil						Lab N	о		2	44G1881	902	
Sample Rea	ading Groups	:		EI	emental			Physical		Partio	de Count (Parts pe	r Millilitre)							
	Sample Ir	nform	ation				Fluid C	hange History							Sam	ple Rea	adings				
Lab No	Date Taken	Eval	On Equip	On Oil	Oil Added	Fluid Chg	Filter Chg	Туре	Grade	SCA	PQI	Fe	Cu	Cr	Pb	Sn	Ni	AI	Si	Na	к
44G1881902	25/Jun/14	A	39207	0	0	N	N	INSUFF OIL INFO	IOI		0	3	<1	<1	<1	<1	<1	<1	3	2	<1

											Sam	ple Rea	adings							
LabNo	Мо	В	Ва	Mg	Са	Zn	Р	H2O	V40	OXI	NIT	SUL	10µ	25µ						
44G1881902	<1	1	<1	7	2714	1155	931	0.0	97.9	2	3	16	31	5						

Printed: 9/07/2014 11:33:32PM This report is valid only to the sample indicated on this report. Use this report in conjunction with other maintenance procedures.

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128-136 Great Eastern Highway, South Guildford, Western Australia, 6055 Telephone:(08) 9377 9521 Facsimile:(08) 9377 9802 THIS ANALYSIS IS INTENDED AS AN AID IN PREDICTING MECHANICAL WEAR. NO GUARANTEE, EXPRESS OR IMPLIED, IS MADE AGAINST FAILURE OF THIS PIECE OF EQUIPMENT OR A COMPONENT PART THERE OF

OUR VISION - TO BE THE WORLDS BEST S.O.S LABORATORY IN ALL KEY MEASURES

SCHEDULED OIL SAMPLING IS AN ACCURATE AND RELIABLE PROGRAM WHICH WILL IMPROVE PRODUCTIVITY AND REDUCE MAINTENANCE COSTS

TAKING A GOOD SAMPLE

ENSURE THAT ALL EQUIPMENT IS SAFE TO WORK ON AND THAT SAFE WORK PRACTICES ARE FOLLOWED WHEN EXTRACTING SAMPLES .

• ENSURE THE AREA AREOUND THE SAMPLE EXTRACTION POINT IS CLEAN AND FREE OF CONTAMINANTS. DO NOT REUSE ANY PART OF THE SAMPLE KIT TO AVOID CROSS CONTAMINATION.

EXTRACT THE SAMPLE FROM HOT, WELL MIXED FLUID PREFFERABLY USING THE ENGINE, TRANSMISSION AND HYDRAULIC SYSTEM SOS SAMPLE VALVE, WHERE FITTED.

• WHEN THE SUCTION EXTRACTION METHOD IS USED, IT IS BEST TO TAKE THE SAMPLE FROM MID LEVEL FLUID. NOTE: DO NOT TAKE THE SAMPLE FROM THE OIL DRAIN OR FROM THE FILTERS.

PLEASE USE OIL COMMANDER TO GENERATE THE SAMPLE CARD, ALTERATIVELY FILL IN THE CORRECT SAMPLE CARD WITH C OMPLETE AND ACCURATE INFORMATION. NOTE: WHEN INSUFFICIENT INFORMATION IS
RECEIVED THE SAMPLE WILL NOT BE PROCESSED. ENSURE SUFFICIENT FLUID IS PROVIDE FOR A COMPLETE TEST

COMMIT TO CONTINUOUS SOS SAMPLING AT REGULAR INTERVALS, THIS WILL PRODUCE TREND RESULTS THAT CAN BE EASILY UNDERSTOOD AND GRAPHED.

ADDITIVE & WE	AR ELEMENTS PA	ARTICLES UP TO 8 MICRON I	N SIZE ARE MEASURED USI	NG ICP EMISSION SPECTRON	/IETORY					
Fe IRON	Cr CHROME	Pb LEAD	AI ALUMINIUM	Si SILICON	Mo MOLYBDENUM	Na SODIUM	Sn TIN	Mg MAGNESIUM	Ni NICKEL	Ca
CALCIUM										
Zn ZINC	Cu COPPER	Ag SILVER	Cd CADMIUM	Mn MANGANESE	Ti TITANIUM	B BORON	Ba BARIUM	K POTASSIUM	P PHOSPHATE	V VANADIUM
OIL CONDITION	ST SOOT	OXI OXIDATION	SUL SULPHATION	NIT NITRATION VIS	VISCOSITY					
CONTAMINANT	TESTS	W WATER	F FUEL A VISUAL INSPECTIO	PCT PARTICLE COUN	ITING LES IS CARRIED OUT FOR LARG	PQI PARTICLE QUA SE WEAR ELEMENTS O		ON		
C UN	CCEPTABLE (A.I): TEST R PORTABLE: SLIGHT CH/ NACCEPTABLE: ONE OR	ESULTS ARE ACCEPTABLE ANGES IN ONE OR MORE MORE TESTS HAVE HAD	; HOWEVER THERE IS A TEST RESULTS HAVE OC A LARGE INCREASE OR (PROBLEM WITH INFORM CURRED. THE COMPARTI CHANGE IN THE RESULTS /	ECOMMENDED INTERVAL. ATION ON THE SAMPLE CA MENT NEEDS TO BE MONIT AND THE COMPARTMENT I TE INSPECTION AND OR CO	ORED, RESAMPLED	OR CHECKED.			
PLEASE NOTE: ALWAYS RESAN		PLE RESULTS CORRELATE	WITH OTHER DIAGNOS	TIC INFORMATION BEFOR	E COMPARTMENTS ARE ST	RIPPED DOWN OR	REPAIRS ARE U	NDERTAKEN.		