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### Moisture Analysis

Lab Report Number	205617-030	194149-018	190562-003	182819-001	182061-003	
Sample date	2018-04-11	2016-05-23	2015-10-02	2014-07-15	2014-05-30	
Sample temp	30	35	30	60	30	°C
Moisture	16	27*	7	44*	34*	mg/kg
Relative saturation	19	26*	8	17	41*	%
Dew point	-6	5	-21	15	9	°C
Moisture result	1	2	1	2	2	
Moisture diagnosis		WET-OIL		WET-OIL	WET-OIL	

Symbol legend: \*: abnormal level

### Moisture Remarks

The water content of the oil is acceptable.

### Fluid Quality

Lab Report Number	205617-030	194149-018	190562-003	182819-001	182061-003	
Sample date	2018-04-11	2016-05-23	2015-10-02	2014-07-15	2014-05-30	
Sample temp	30	35	30	60	30	°C
Diel breakdown D877	45.0*	45.0*	48.0*	31.0*	39.0*	kV
Acid number	0.012	0.012	0.012	0.018	0.024	mg KOH/g
Interfacial tension	33.6	33.5	32.6	32.7	32.8	mN/m
Specific Gravity	0.870	0.871	0.871	0.874	0.872	
Color	2.0	2.0	2.0	2.0	2.0	
Oil quality index	0.4	0.4	0.4	0.6	0.7	
Visual	OK	DEBRIS	CLEAR	SEDIMENT	OK	
Fluid quality retest days		730	365	365	90	days
Fluid quality retest date		2018-05-23	2016-10-02	2015-07-15	2014-08-30	
FQ result	2	2	2	2	2	

Symbol legend: \*: abnormal level

### Fluid Quality Summary

Variable name	Value	Units	Description
Diel breakdown D877	45.0*	kV	Level alert (high 26, low 18).











