



# TellLab

**Demo**

Location: Demo  
 Unit ID: **Demo Stbd Stern Tube E1021109**  
 Model:  
 Machine Type: Gear



Elevated silicon level present. Check for sand and dirt contamination. Advice: Re-sample at the next service intervention.

KR, 09 Sep 2015

Oil	Maxol HD Marine 1240	Sample ID	4B0BB4 (P9356)	35D4E4 (N2560)	28C3CC (M4153)	17502F (L2140)	
Note:		Sampled on	25 Aug 2015	19 Feb 2014	25 Mar 2013	13 Feb 2012	
		Received on	07 Sep 2015	11 Mar 2014	12 Apr 2013	23 Feb 2012	
		Hr Total			19414	18664	
		Hr Oil					
		Top up (l.)					
		Warning Limits	▲	▲	▲	▲	
ASTM D6595-00 WEAR METALS	Iron	ppm	75	5	9	4	11
	Chromium	ppm	10	<1	<1	<1	<1
	Nickel	ppm		<1	<1	<1	<1
	Molybdenum	ppm		<1	2	<1	1
	Aluminium	ppm		2	2	2	2
	Lead	ppm	10	1	2	4	4
	Copper	ppm	10	<1	4	<1	7
	Tin	ppm	5	<1	<1	<1	<1
	Silver	ppm		<1	<1	<1	<1
Titanium	ppm		<1	1	<1	<1	
ASTM D6595-00 CONTAMINANTS	Silicon	ppm	10	<b>13</b>	<b>15</b>	<b>15</b>	<b>14</b>
	Sodium	ppm	10	3	<b>28</b>	8	<b>29</b>
	Vanadium	ppm		<1	<1	<1	<1
ASTM D6595-00 ADDITIVES	Calcium	ppm		4079	4095	4389	4019
	Magnesium	ppm		20	25	22	27
	Phosphorus	ppm		495	362	372	256
	Zinc	ppm		552	557	610	510
	Barium	ppm		<1	<1	<1	<1
	Boron	ppm		<1	<1	<1	<1
ASTM D445	Viscosity at 40°C	cSt	131 - 162	145	149	145	146
ASTM E2412	TBN	mg KOH/g	<5.00	9.42	12.40	11.70	12.12
	Water	ppm	1000.0	907.0	961.2	183.9	945.8
	OX	abs/mm2		4.7	4.9	4.6	5.0

Date 15 Sep 2015