

Report Status

DIAGOMAR PLUS

NORMAL

Lubmarine

Vessel Name XIN BIN HAI
Company FLEET MANAGEMENT LTD
Unit Name DIESEL GENERATOR 2
Unit ID LM02260052
Description DIESEL 4-STROKE
Make DAIHATSU
Model 6DK-20

Oil Type AURELIA TI 3020
Analysis No 7302622
Reported 01-NOV-21
Affiliate LUBMARINE-HK
Lab Shanghai

Symptoms	Lubricant condition is Normal.
Comments	Resample at normal interval.

DATA

		NORMAL	NORMAL	NORMAL	NORMAL
Sample No		5307171	4800102	5661902	5661914
Date Sampled		24/01/2021	14/04/2021	07/07/2021	07/10/2021
Date Received		28/01/2021	27/04/2021	16/07/2021	27/10/2021
Port Landed		YANTAI	SINGAPORE	JINGTANG	BAYUQUAN
Oil on Label		AURELIA TI 3020	AURELIA TI 3020	AURELIA TI 3020	AURELIA TI 3020
Purifier/Filter		N.A.	N.A.	N.A.	N.A.
Equipment Life	Hrs	33341	34297	34838	35529
Oil Life	Hrs	2691	3647	500	962
Top up Volume			900		

ANALYSIS

Visco @40°C	mm2/s	107.00	109.80	105.90	107.60
Visco @100°C	mm2/s	11.84	12.22	12.59	12.34
Viscosity Index		99	100	112	106
Insolubles	%	0.1	0.2	0.1	0.2
Flashpoint 180°C		PASS	PASS	PASS	PASS
Water Content	%mass	0.00	0.00	0.00	0.00
BN D2896	mg KOH/g	20.2	19.7	20.5	20.4
PQ-index		15	7	14	12

SPECTRO ANALYSIS

WEAR ELEMENTS

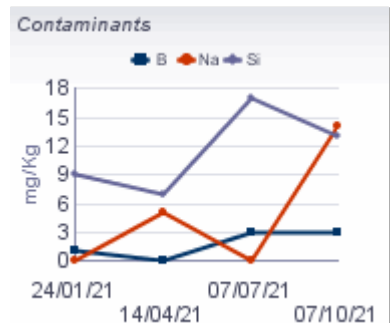
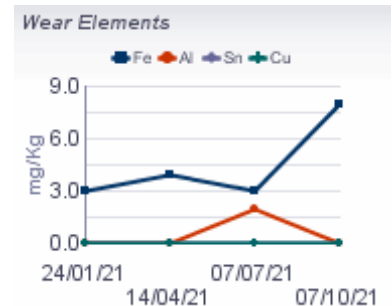
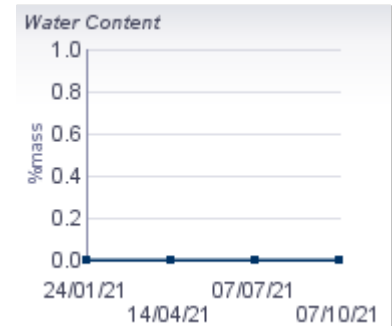
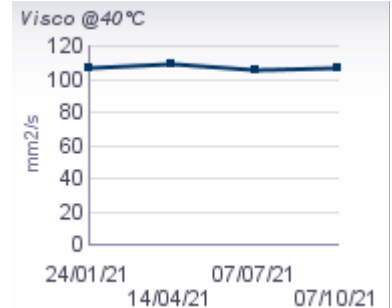
Iron	(Fe)	3	4	3	8
Chromium	(Cr)	0	0	0	0
Molybdenum	(Mo)	0	0	3	2
Copper	(Cu)	0	0	0	0
Lead	(Pb)	0	0	0	0
Silver	(Ag)	0	0	0	0
Tin	(Sn)	0	0	0	0
Aluminium	(Al)	0	0	2	0

CONTAMINANTS

Nickel	(Ni)	4	4	5	19
Vanadium	(V)	0	2	0	2
Silicon	(Si-T)	9	7	17	13
Boron	(B)	1	0	3	3
Sodium	(Na)	0	5	0	14
Magnesium	(Mg)	26	28	24	25

OTHER METALS

Phosphorus	(P)	235	242	231	238
Zinc	(Zn)	321	272	315	302
Barium	(Ba)	0	4	0	0
Calcium	(Ca)	7988	7257	7805	7912



Values with *: Red and Bold = URGENT / blue and Italic = CAUTION

The validity of symptoms and comments is depending on the representativity of the sample. Comments are advisory only.