



CR26-7

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ENGINE

EQUIP NUM: 6330

SERIAL NUMBER: B93A631EK02108876

BELL B30E_BELL

No Action Required

Interp By: Greg Eyro

Interpreted On: 30-Aug-24

N030-54239-0523

LABEL#: 201701176

SAMPLE SHIP TIME (days) : 5

SUMDOR CONTRACTING

LTD

RECEIVED DATE: 26-Aug-24

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

Sampled Date	21-Aug-24	06-Jul-23
Sample Id	N030-54239-0523	N030-53194-0619
Lab Date	26-Aug-24	13-Jul-23
Meter [Hr]	2200	1519
Comp Meter [Hr]	2200	1519
Meter On Fluid	350	350
Fluid Brand	PETRO-CAN	PETRO-CAN
Fluid Weight	5W-40	5W-40
Fluid Type		
Fluid Change	Y	Y
Filter Change	Y	Y
Make Up Fluid [L]	30	30
Kidney Loop	U	U

CONDITION / CONTAMINATION

	21-Aug-24	06-Jul-23
VISCOSITY (Centistokes)		
V100 Viscosity at 100 C	13.60	13.20
VISCOSITY (Centistokes)		
V40 Viscosity at 40 C	81.00	78.30
VISCOSITY INDEX		
VI Viscosity Index	172	171
INFRARED (UFM)		
ST Seal	3	0
OXI Oxidation	22	25
SUL Sulfur Products	24	24
NIT Nitration	9	7

WEAR LEVELS / ADDITIVES

21-Aug-24 06-Jul-23

ELEMENTAL ANALYSIS (ppm)

Na Sodium	4	0
K Potassium	2	0
Si Silicon	3	2
Al Aluminum	3	2
Fe Iron	17	5
Cr Chromium	1	0
Pb Lead	0	0
Cu Copper	3	1
Sn Tin	0	0
Ni Nickel	1	1
Ag Silver	0	0
Ti Titanium	0	0
V Vanadium	0	0
Zn Zinc	1273	1190
Ca Calcium	925	1775
Mg Magnesium	1093	355
Ba Barium	0	0
B Boron	34	55
Mo Molybdenum	54	18
P Phosphorus	1014	987

ANTIFREEZE

A Antifreeze	N	N
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FUEL

F Fuel	N	N
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WATER

W Water	N	N
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DIFFERENTIAL FRONT

EQUIP NUM: 6330

SERIAL NUMBER: B93A831EK02108878

BELL B30E_BELL

N030-63075-0247

LABEL#: 201157074

SAMPLE SHIP TIME (days) : 15

SLIMDOR CONTRACTING

LTD

RECEIVED DATE: 10-Mar-23

Interp By: Salvatore Borrelli

Interpreted On: 22-Mar-23

UNABLE TO TEST FOR PARTICLE COUNT (ISO CODE) DUE TO EXCESS PARTICULATE. IRON CONTENT IS ELEVATED. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL. SUGGEST OIL CHANGE.

6330

SAMPLE INFORMATION

Sampled Date 01-Mar-23
Sample Id N030-63075-0247
Lab Date 16-Mar-23
Meter (Hr) 1515
Comp Meter (Hr) 1515
Meter On Fluid 1515
Fluid Brand
Fluid Weight SCW-90
Fluid Type
Fluid Change N
Filter Change U
Kidney Loop U

CONDITION / CONTAMINATION

01-Mar-23

VISCOSITY (Centistokes)

V100 Viscosity at 100 C 9.600

VISCOSITY (Centistokes)

V40 Viscosity at 40 C 68.00

VISCOSITY INDEX

VI Viscosity Index 121

INFRARED (UFM)

ST Soot 0
OXI Oxidation 10
SUL Sulfur Products 19
NIT Nitration 3

WATER

W Water N

CLEANLINESS

01-Mar-23

PARTICLE COUNT

ISO ISO Code Rating BLH

WEAR LEVELS / ADDITIVES

01-Mar-23

ELEMENTAL ANALYSIS (ppm)

Na	Sodium	4
K	Potassium	3
Si	Silicon	8
Al	Aluminum	5
Fe	Iron	379
Cr	Chromium	1
Pb	Lead	1
Cu	Copper	62
Sn	Tin	1
Ni	Nickel	0
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Zn	Zinc	384
Ca	Calcium	247
Mg	Magnesium	25
Ba	Barium	0
B	Boron	48
Mo	Molybdenum	1
P	Phosphorus	655



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DIFFERENTIAL REAR

EQUIP NUM: 8330

SERIAL NUMBER: B93A631EK02108878

BELL B30E_BELL

N030-53075-0249

LABEL#: 201157853

SAMPLE SHIP TIME (days): 15

SLIMDOR CONTRACTING

LTD

RECEIVED DATE: 16-Mar-23

Interp By: Salvatore Borrelli

Interpreted On: 22-Mar-23

UNABLE TO TEST FOR PARTICLE COUNT (ISO CODE) DUE TO EXCESS PARTICULATE WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

6330

SAMPLE INFORMATION

Sampled Date 01-Mar-23
Sample Id N030-53075-0249
Lab Date 16-Mar-23
Meter [Hr] 1515
Comp Meter [Hr] 1515
Meter On Fluid 1515
Fluid Brand
Fluid Weight SOW-90
Fluid Type
Fluid Change N
Filter Change U
Kidney Loop U

CONDITION / CONTAMINATION

01-Mar-23

VISCOSITY (Centistokes)

V100 Viscosity at 100 C 9.300

VISCOSITY (Centistokes)

V40 Viscosity at 40 C 65.30

VISCOSITY INDEX

VI Viscosity Index 121

INFRARED (UFM)

ST Soot 0
OXI Oxidation 10
SUL Sulfur Products 19
NIT Nitration 3

WATER

W Water H

CLEANLINESS

01-Mar-23

PARTICLE COUNT

ISO ISO Code Rating BUH

WEAR LEVELS / ADDITIVES

01-Mar-23

ELEMENTAL ANALYSIS (ppm)

Na	Sodium	3
K	Potassium	3
Si	Silicon	9
Al	Aluminum	4
Fe	Iron	230
Cr	Chromium	1
Pb	Lead	0
Cu	Copper	49
Sn	Tin	0
Ni	Nickel	0
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Zn	Zinc	414
Ca	Calcium	277
Mg	Magnesium	30
Ba	Barium	0
B	Boron	51
Mo	Molybdenum	2
P	Phosphorus	646



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TRANSFER GEARS

EQUIP NUM: 6330

SERIAL NUMBER: B93A831EK02108876

N030-53075-0246

LABEL#: 201159121

SAMPLE SHIP TIME (days) : 15

SLINDOR CONTRACTING

LTD

RECEIVED DATE: 16-Mar-23

BELL B30E_BELL

6330

Interp By: Salvatore Borrelli

Interpreted On: 22-Mar-23

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

6330

SAMPLE INFORMATION

Sample

Sampled Date 01-Mar-23
Sample Id N030-53075-0246
Lab Date 16-Mar-23
Meter [Hr] 1515
Comp Meter [Hr] 1515
Meter On Fluid 1000
Fluid Brand
Fluid Weight 80W-90
Fluid Type
Fluid Change Y
Filter Change Y
Make Up Fluid [L] 10
Kidney Loop U

CONDITION / CONTAMINATION

01-Mar-23

VISCOSITY (Centistokes)

V100 Viscosity at 100 C 13.50

VISCOSITY (Centistokes)

V40 Viscosity at 40 C 102.9

VISCOSITY INDEX

VI Viscosity Index 130

INFRARED (UFM)

ST Soot 0
OXI Oxidation 11
SUL Sulfur Products 24
NIT Nitration 4

WATER

W Water N

WEAR LEVELS / ADDITIVES

01-Mar-23

ELEMENTAL ANALYSIS (ppm)

Na	Sodium	3
K	Potassium	4
Si	Silicon	3
Al	Aluminum	1
Fe	Iron	32
Cr	Chromium	0
Pb	Lead	0
Cu	Copper	7
Sn	Tin	0
Ni	Nickel	0
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Zn	Zinc	1253
Ca	Calcium	3137
Mg	Magnesium	15
Ba	Barium	0
B	Boron	35
Mo	Molybdenum	0
P	Phosphorus	932

CLEANLINESS

01-Mar-23

PARTICLE COUNT

ISO	ISO Code Rating	23/23/16
4µ	4µ	76039
6µ	6µ	46724
10µ	10µ	6134
14µ	14µ	521
18µ	18µ	110
21µ	21µ	45
38µ	38µ	1
50µ	50µ	0