



Customer: Orca vessel
 Address: [REDACTED]
 Total no. of drives: 16 Date of Site Assessment: [REDACTED]

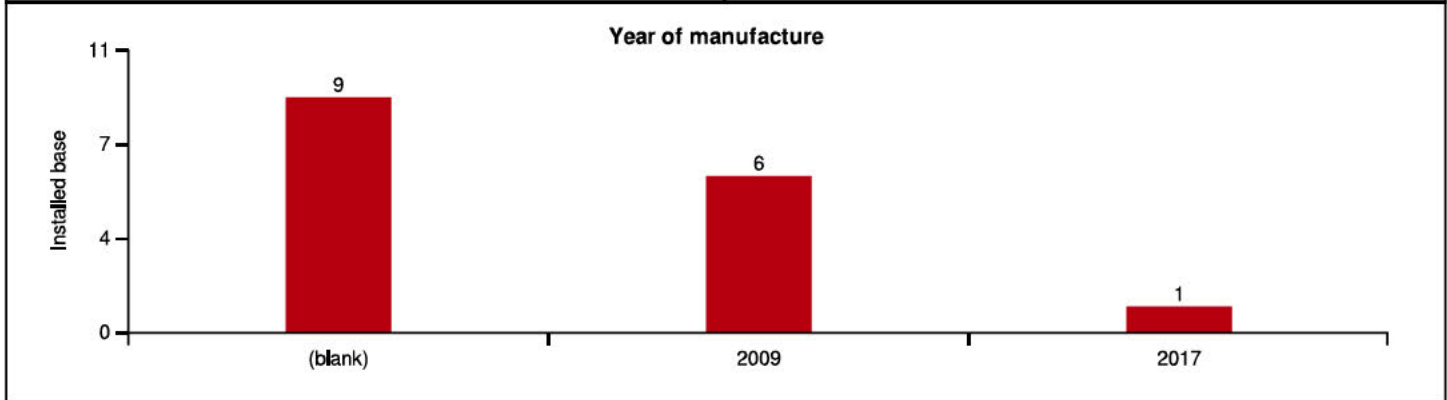
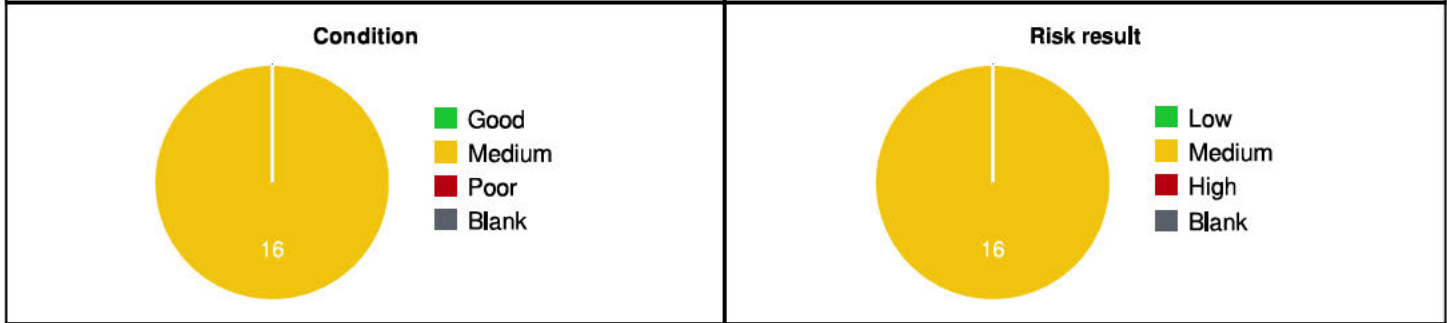
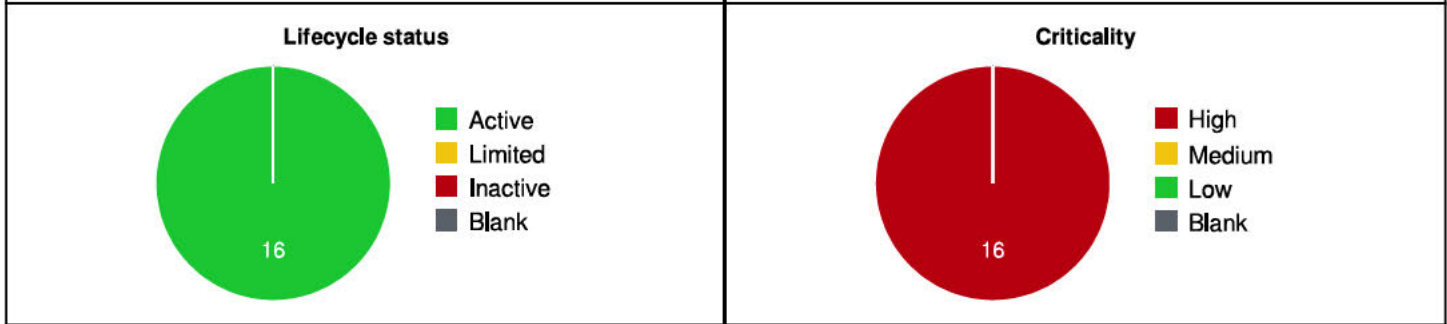
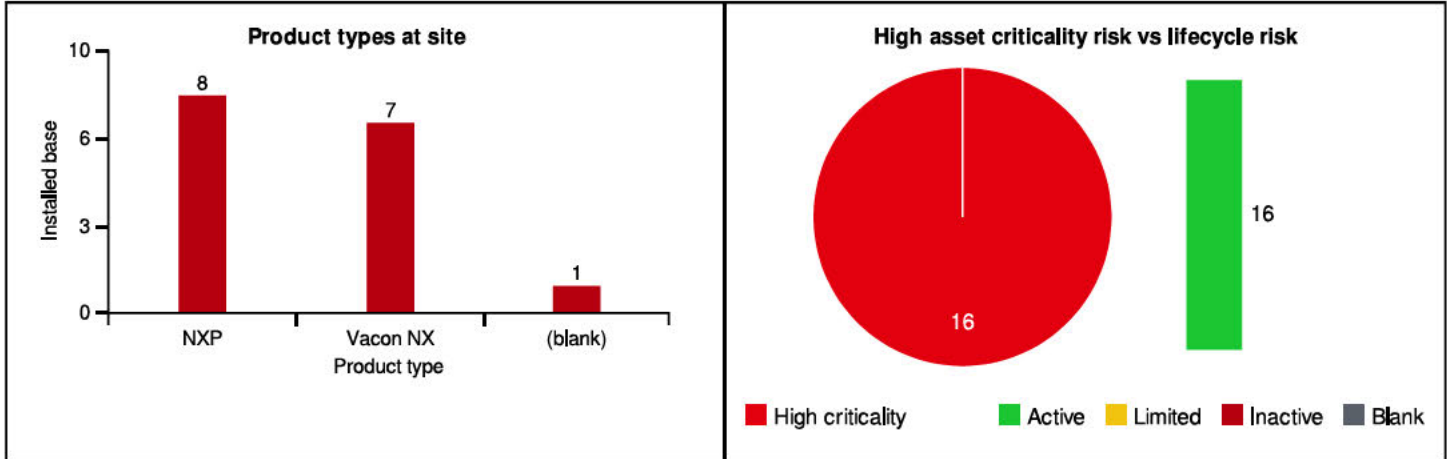


Analysis	Results	Information	Summary	Recommendation
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Productwise break-up of drives at site

Brand	Product family	No. of drives	Risk factors											
			Lifecycle status			Asset criticality			Asset condition			Asset risk		
			Active	Limited	Inactive	High	Medium	Low	Good	Medium	Poor	Low	Medium	High
ABB		1	1	0	0	1	0	0	0	1	0	0	1	0
VACON	NXP	8	8	0	0	8	0	0	0	8	0	0	8	0
Vacon	Vacon NX	7	7	0	0	7	0	0	0	7	0	0	7	0

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Lifecycle Status

Active	Drives in the active phase are Danfoss' symbol for reliability and a long lifecycle. Although newer AC drive technology may be available the customer demand has not diminished active production.
Limited	A drive entering the Limited phase has limited service options. A limited amount of spare parts, maintenance and repair services are available as long as materials can be obtained. No new service contracts can be offered. Only existing service contracts with our customers will be supported.
Inactive	A drive in the Inactive phase has no spare parts or service options available. Operating a drive whilst in this phase may result in unpredictable process downtime due to wear or failure. To avoid these risks, we recommend retrofitting with a new-generation replacement drive, to bring the latest technological advantages to your application.

Asset Criticality

Low	No loss to output if plant stopped. No effect on environment. No injury concerning safety.
Medium	Partial loss to output if plant stopped Environment effecting individual work area. Possibility of injury concerning safety.
High	Major loss to output if plant stopped. Environment effecting plant/ community around. Possibility of a fatal / multiple injury concerning safety.

Asset Condition

Good	General look of place is good. Clean environment, breathable air, no dust or dirt on top of drive, not messy cables etc. seems right installation and application. No visible damages or bumps or corrosion on the drive.
Medium	General look of the place is not as per product general condition guidelines. Damp environment, visible corrosion or bump on the drive, if the drive is installed for right application.
Low	Unclean environment, messy cables, visible corrosion, damage or markings on the drive, age of the drive, general guidelines of installation of the products not followed, unsupportive application, harsh environment, stress on the drive.

Risk Result

Low	No attention required. Almost new. Always operational. Meets the output requirement.
Medium	Meets the output requirement but with room for improvement. Concerns over cost/benefit on maintenance.
High	Not capable to meet the output requirement. Parts and service no longer available. Age and imminent failure.

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Serial number	Part number	Model	Brand	Location	Equipment tag	Lifecycle status	Asset criticality	Asset condition	Asset risk
XXXXXXXXXX	XXXXXXXXXX		ABB	Rotating line	N/a	A	H	M	M
XXXXXXXXXX	NXP08205A0T0SWG1A2B40000	NXP	VACON	Jet pump	N/a	A	H	M	M
XXXXXXXXXX	NXP07305A0T0SWG1A2B4	NXP	VACON	Rotating line	N/a	A	H	M	M
XXXXXXXXXX	NXP08205A0T0SWG1A2B40000	NXP	VACON	Bow Thruster	N/a	A	H	M	M
XXXXXXXXXX	NXP16405A0T0SWG1A2AEB400	NXP	VACON	Dredging pump	N/a	A	H	M	M
XXXXXXXXXX	NXP29505a0t0swga1a2aeb4 (pu1)	NXP	VACON	Port side propulsion (PU1)	N/a	A	H	M	M
XXXXXXXXXX	NXP29505 (rest of code not visible)	NXP	VACON	Port side propulsion (PU2)	N/a	A	H	M	M
XXXXXXXXXX	Nxp29505a0t0swga1a2aeb4	NXP	VACON	Star board Propulsion (PU1) CH74	N/a	A	H	M	M
XXXXXXXXXX	NXP2950	NXP	VACON	Star board Propulsion (PU 2) CH74	N/a	A	H	M	M
XXXXXXXXXX	NXS	Vacon NX	Vacon	Cooling line	N/a	A	H	M	M
XXXXXXXXXX	NXS	Vacon NX	Vacon	Cooling line	N/a	A	H	M	M
XXXXXXXXXX	NXS	Vacon NX	Vacon	Cooling line	N/a	A	H	M	M
XXXXXXXXXX	NXS	Vacon NX	Vacon	Cooling line	N/a	A	H	M	M
XXXXXXXXXX	NXS	Vacon NX	Vacon	Cooling line	N/a	A	H	M	M
XXXXXXXXXX	NXS	Vacon NX	Vacon	Cooling line	N/a	A	H	M	M
XXXXXXXXXX	NXS	Vacon NX	Vacon	Cooling line	N/a	A	H	M	M

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Serial number	Part number	Model	Brand	Location	Equipment tag	Asset risk	Recommendation
[REDACTED]	[REDACTED]		ABB	Rotating line	N/a	M	Retrofit-replacement
[REDACTED]	NXP08205A0T0SWG1A2B40000	NXP	VACON	Jet pump	N/a	M	Preventive Maintenance
[REDACTED]	NXP07305A0T0SWG1A2B4	NXP	VACON	Rotating line	N/a	M	Preventive Maintenance
[REDACTED]	NXP08205A0T0SWG1A2B40000	NXP	VACON	Bow Thruster	N/a	M	Preventive Maintenance
[REDACTED]	NXP16405A0T0SWG1A2AEB400	NXP	VACON	Dredging pump	N/a	M	Preventive Maintenance
[REDACTED]	NXP29505a0t0swga1a2aeb4 (pu1)	NXP	VACON	Port side propulsion (PU1)	N/a	M	Preventive Maintenance
38	NXP29505 (rest of code not visible)	NXP	VACON	Port side propulsion (PU2)	N/a	M	Preventive Maintenance
[REDACTED]	Nxp29505a0t0swga1a2aeb4	NXP	VACON	Star board Propulsion (PU1) CH74	N/a	M	Preventive Maintenance
[REDACTED]	NXP2950	NXP	VACON	Star board Propulsion (PU 2) CH74	N/a	M	Preventive Maintenance
[REDACTED]	NXS	Vacon NX	Vacon	Cooling line	N/a	M	Preventive Maintenance
[REDACTED]	NXS	Vacon NX	Vacon	Cooling line	N/a	M	Preventive Maintenance
[REDACTED]	NXS	Vacon NX	Vacon	Cooling line	N/a	M	Preventive Maintenance
[REDACTED]	NXS	Vacon NX	Vacon	Cooling line	N/a	M	Preventive Maintenance
[REDACTED]	NXS	Vacon NX	Vacon	Cooling line	N/a	M	Preventive Maintenance
[REDACTED]	NXS	Vacon NX	Vacon	Cooling line	N/a	M	Preventive Maintenance
[REDACTED]	NXS	Vacon NX	Vacon	Cooling line	N/a	M	Preventive Maintenance