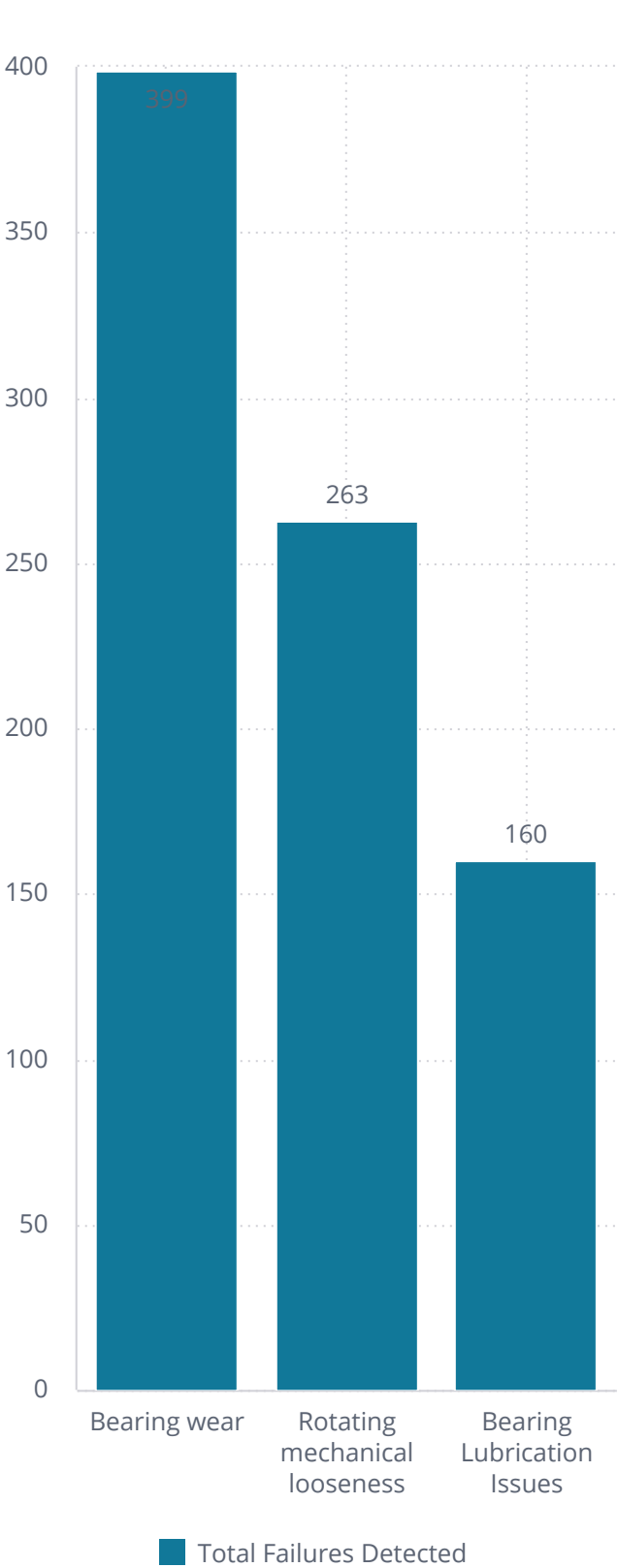


Filters	company_name	Essity	machine_level_name	alarm, danger	Years	2024
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Top 3 - Cause of Failure



Cause of Failure

Total Failures Detected

1,700

Filters

company_name

Essity

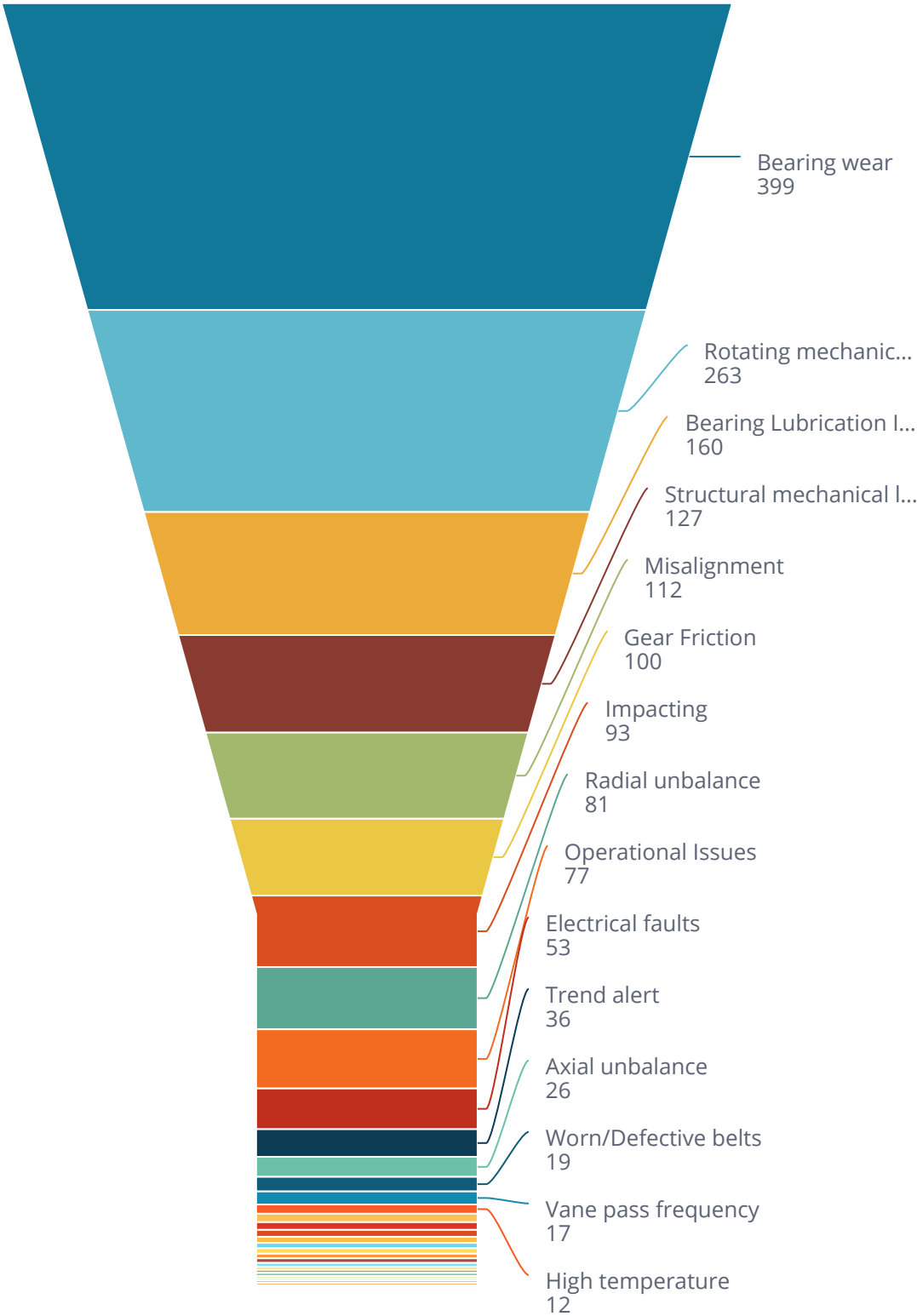
machine_level_name

alarm, danger

Years

2024

Cause of Failure



Filters

company_name

Essity

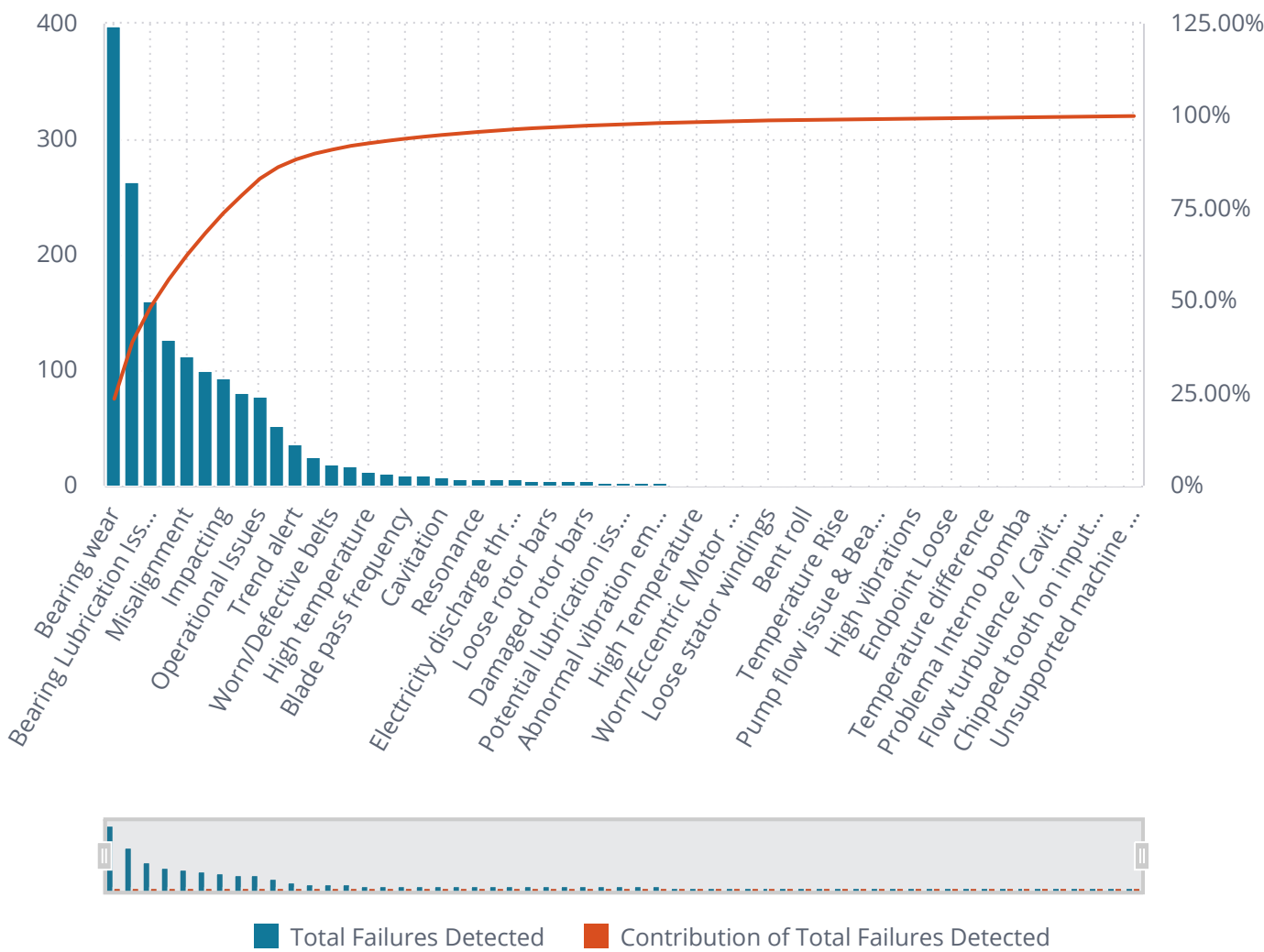
machine_level_name

alarm, danger

Years

2024

Cause Of Failure (Contribution %)



Filters

company_name

Essity

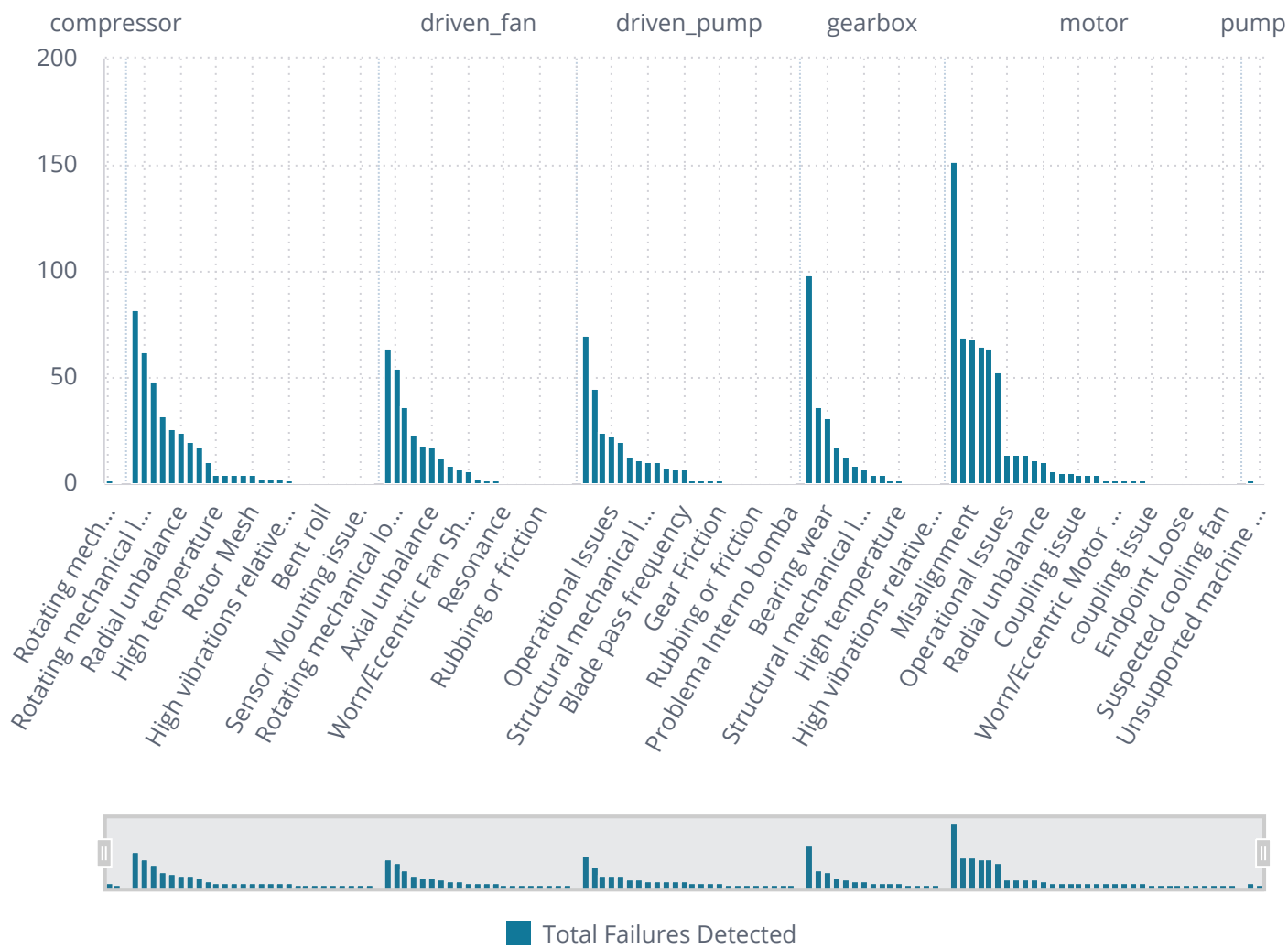
machine_level_name

alarm, danger

Years

2024

Cause Of Failure By Component Type



Filters	company_nameEssity	machine_level_namealarm, danger	Years2024
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Pivot - Cause Of Failure By Component Type

component_type	component_result_problem_key	Total Failures Detected	
compressor	Rotating mechanical looseness	2	
	Operational Issues	1	
compressor Total		3	
driven_equipment	Bearing wear	82	
	Rotating mechanical looseness	62	
	Bearing Lubrication Issues	48	
	Structural mechanical looseness	32	
	Impacting	26	
	Radial unbalance	24	
	Operational Issues	20	
	Trend alert	17	
	Misalignment	10	
	Worn/Defective belts	4	
	High temperature	4	
	Significant change in vibrations	4	
	Axial unbalance	4	
	Rotor Mesh	4	
	Vane pass frequency	3	
	Resonance	3	
	Rubbing or friction	3	
	High vibrations relatively to baseline	2	
	High Temperature	1	
	Pump flow issue	1	
	Sensor issues	1	
	Load induced vibration	1	
Total Failures Detected		1,700	

Filters

company_name

Essity

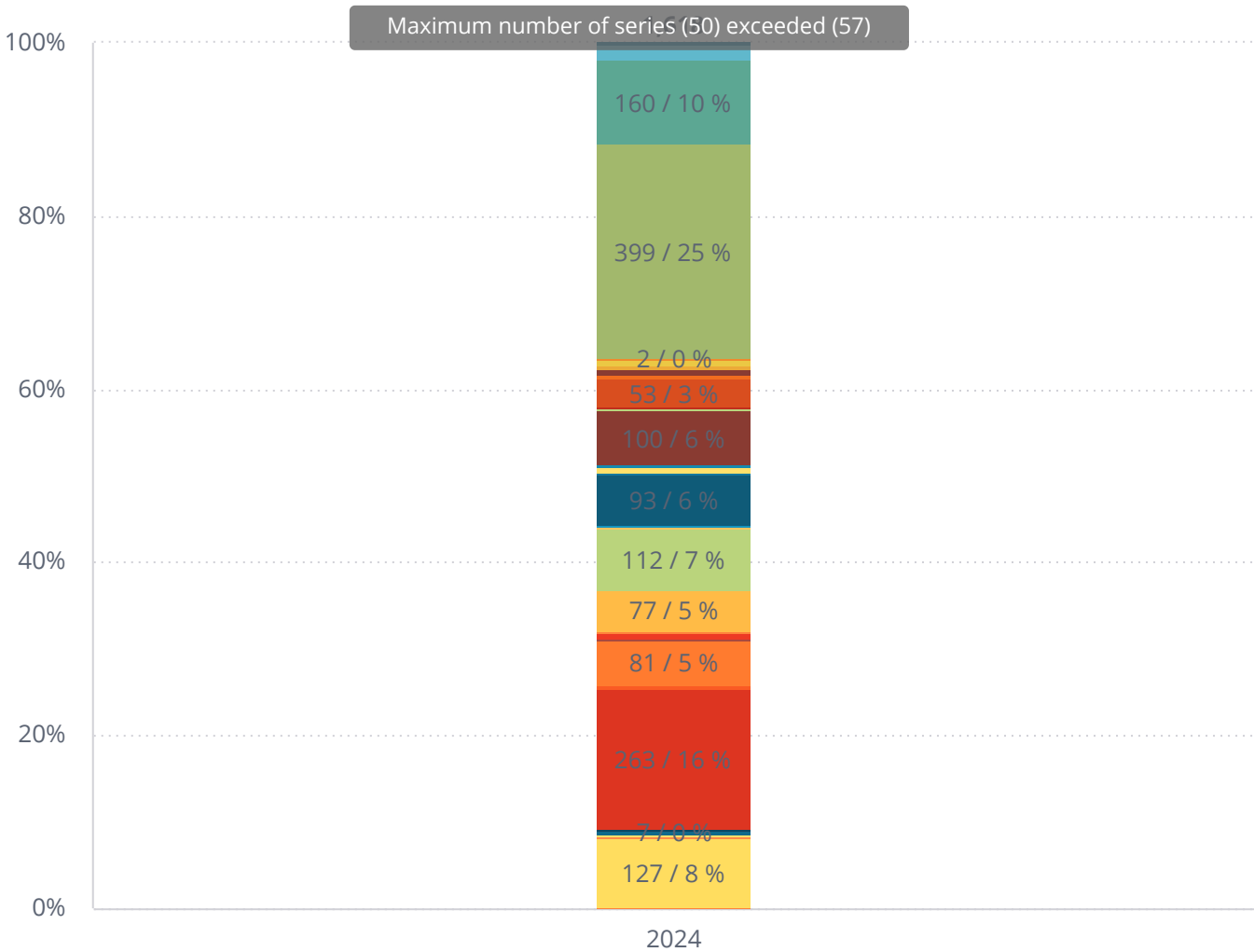
machine_level_name

alarm, danger

Years

2024

failures over time



- Abnormal vibration emissions

■ Abrupt rise in vibration parameters.

■ Axial unbalance

■ Bearing Lubrication Issues

■ Bearing wear

■ Beat Frequency

■ Bent roll

■ Blade pass frequency

■ Cavitation

■ Chipped tooth on input gear

■ Coupling issue

■ coupling issue

■ Coupling issue & Electrical fault

■ Damaged rotor bars

■ Electrical faults

■ Electricity discharge through bearing

■ Endpoint Loose

■ Endpoint Mounting Issues

■ Flow turbulence / Cavitation

■ Gear Friction

■ High Temperature

■ High temperature

■ High vibrations

■ High vibrations relatively to baseline

■ Impacting

■ Invalid data

■ Load induced vibration

■ Loose rotor bars

■ Loose stator windings

■ Misalignment

■ Operational Issues

■ Pipe Strain

■ Potential bearing wear.

■ Potential lubrication issues.

■ Problema Interno bomba

■ Pump flow issue

■ Pump flow issue & Bearing clearance

■ Pump Recirculation

■ Radial unbalance

■ Resonance

■ Rotating mechanical looseness

■ Rotor Mesh

■ Rubbing or friction

■ Sensor issues

■ Sensor Mounting issue.

■ Significant change in vibrations

■ Structural mechanical looseness

■ Suspected cooling fan

■ Temperature difference

■ Temperature High

Filters

company_name

Essity

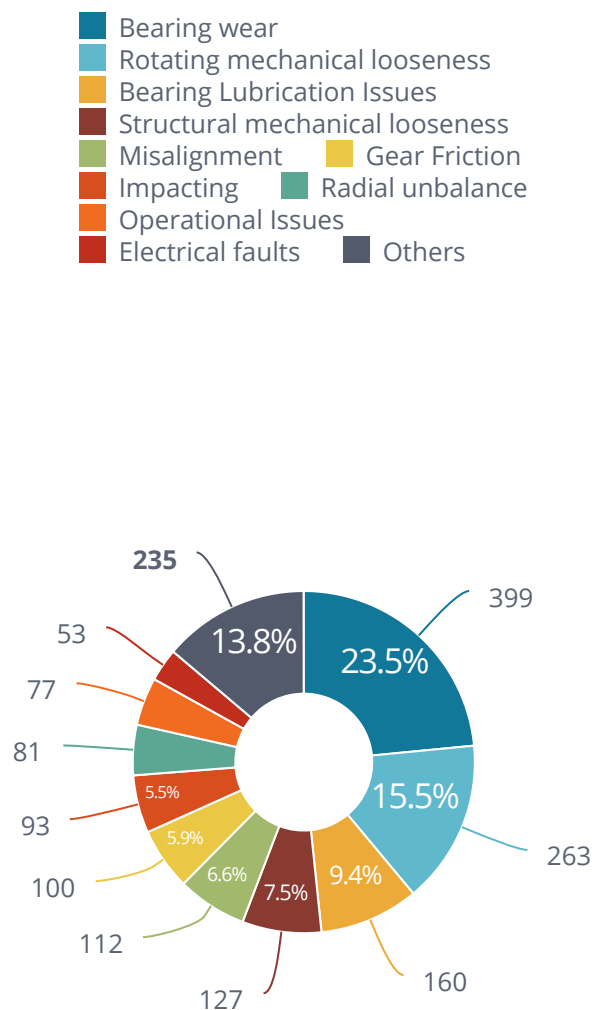
machine_level_name

alarm, danger

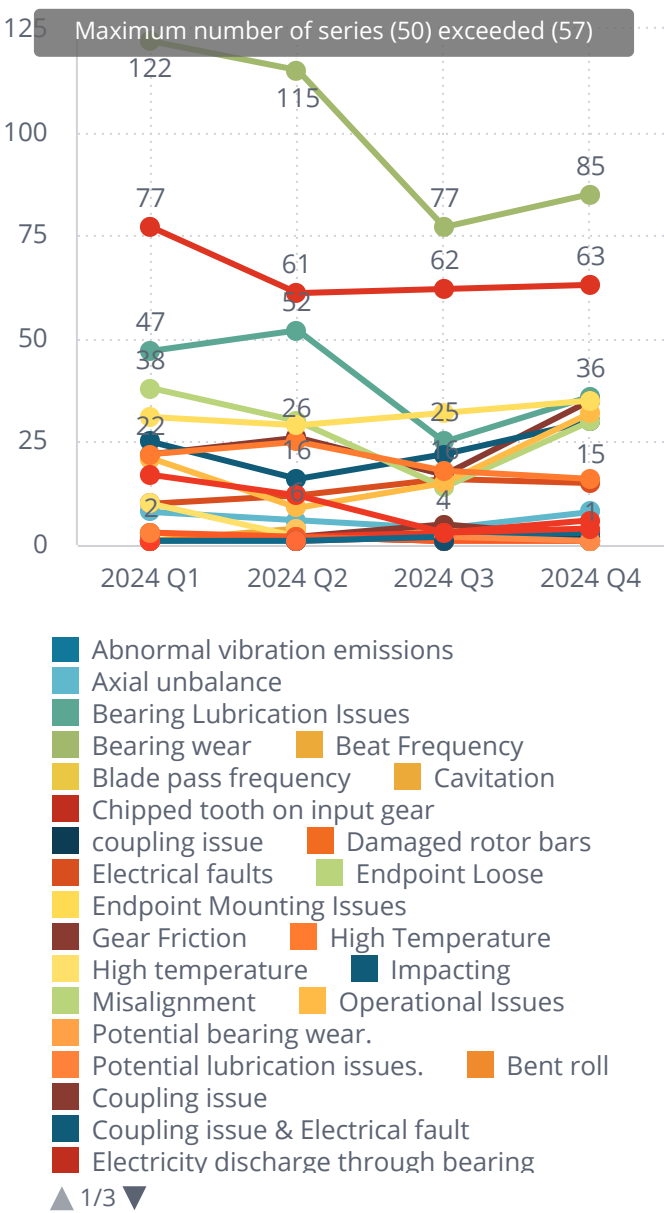
Years

2024

Cause of Failure (Pie Chart)



failures over time



Filters

company_name

Essity

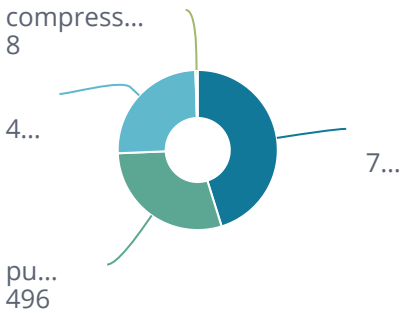
machine_level_name

alarm, danger

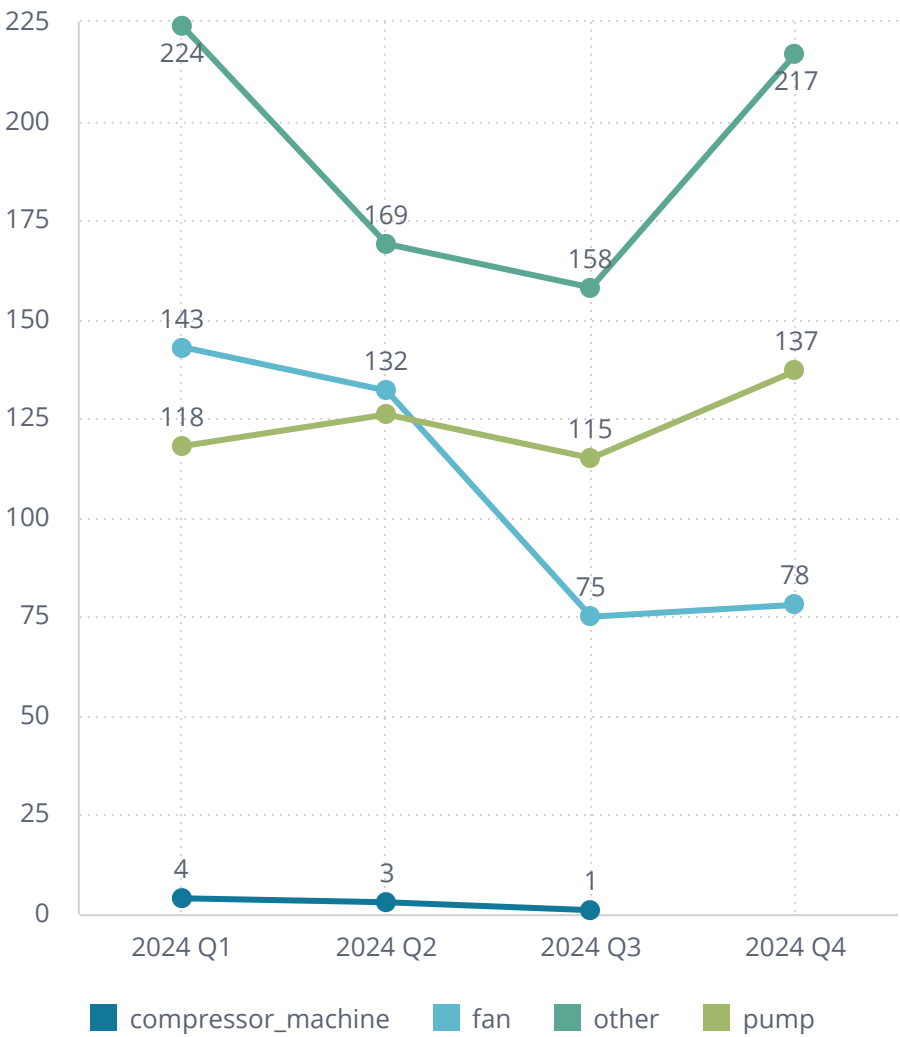
Years

2024

Total Failures Detected per m...

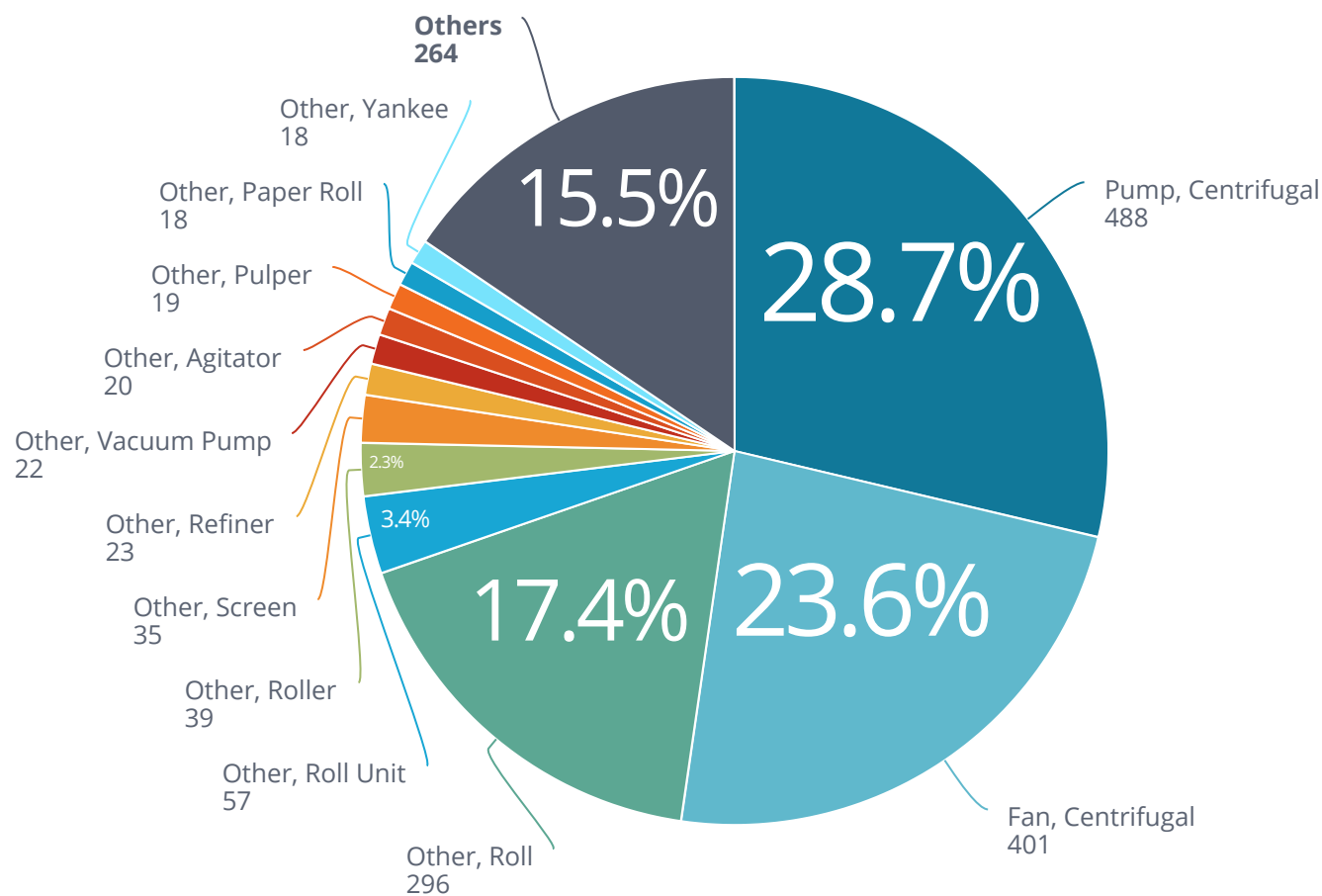


failures over time



Filters	company_name	Essity	machine_level_name	alarm, danger	Years	2024
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Total amount of failures detected per machine type_grouping (less then 1% in Others)



Filters	company_name Essity	machine_level_name alarm, danger	Years 2024
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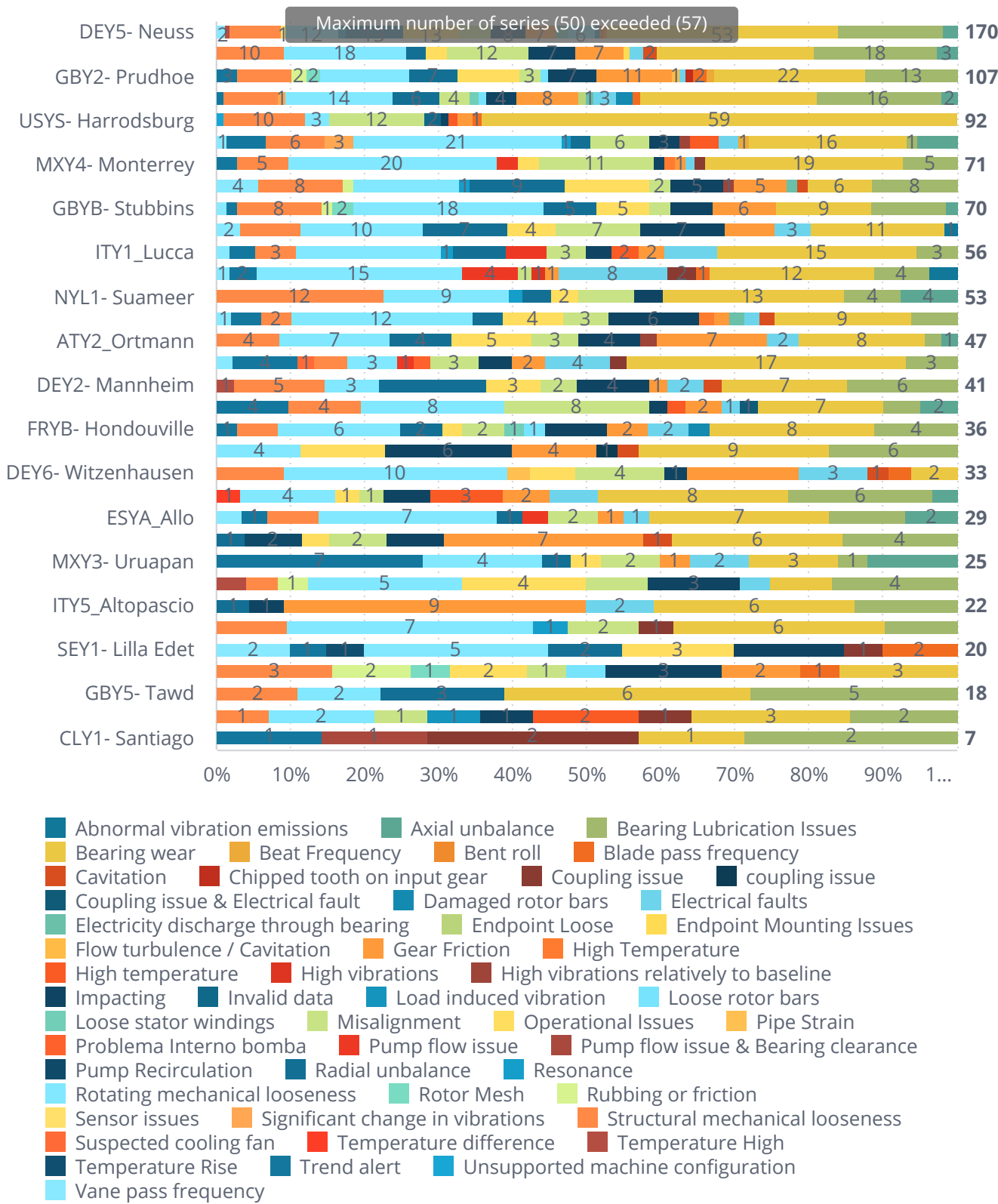
Total Failures detected per TAD machines

company_name	site_name	machine_type_grouping	machine_name
Essity	FRYA_Gien	Fan, Centrifugal	M2142_Ventilateur combustion TAD 1
		Other, Roll	M2014_Rouleau TAD 2
	GBY5- Tawd	Fan, Centrifugal	MG-201B TAD Combustion Fan
Grand Total			

Filters

company_nameEssity | machine_level_namealarm, danger | Years2024

of failures detected per site



Filters

company_name

Essity

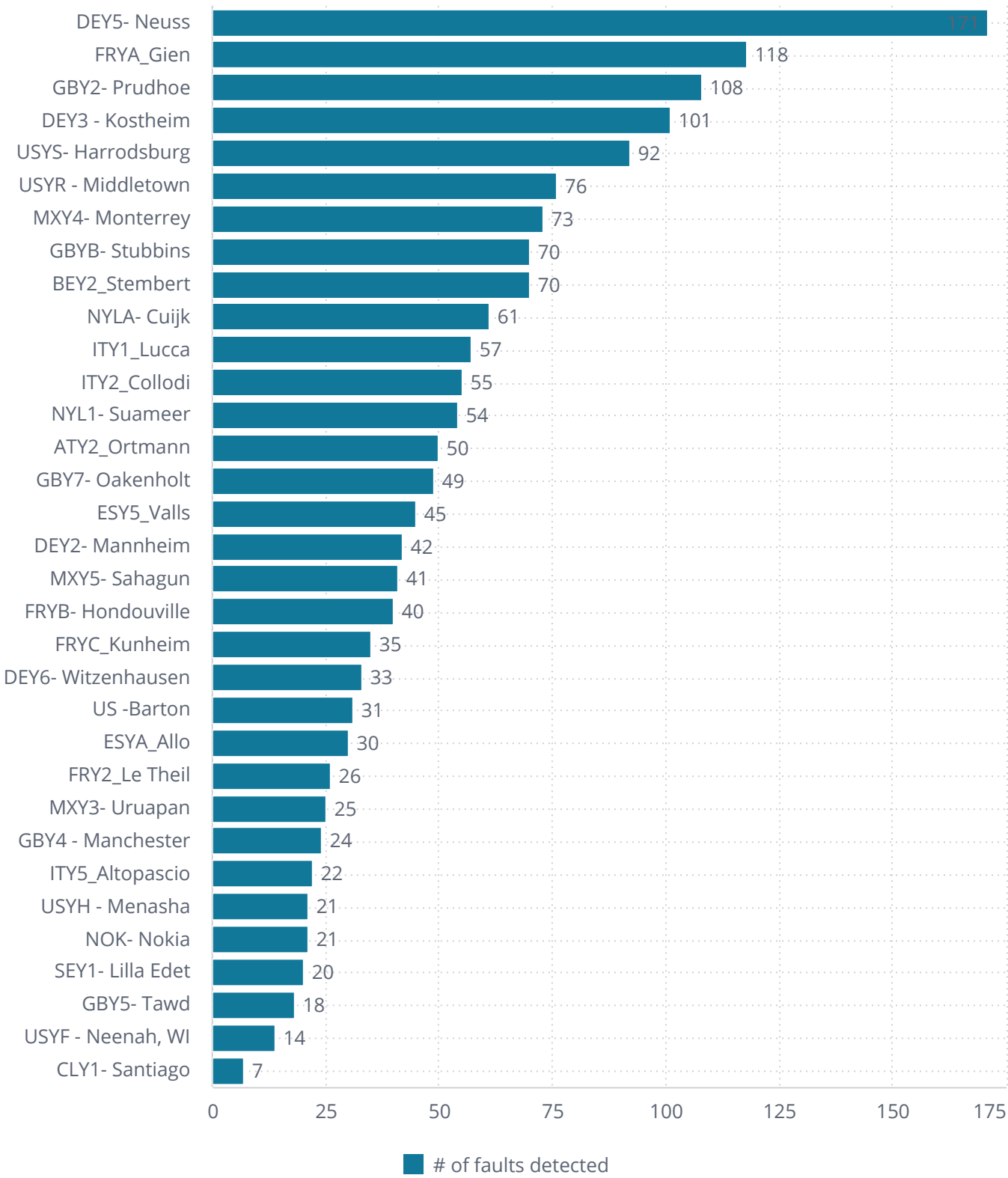
machine_level_name

alarm, danger

Years

2024

of failures detected per site



Filters

company_name

Essity

machine_level_name

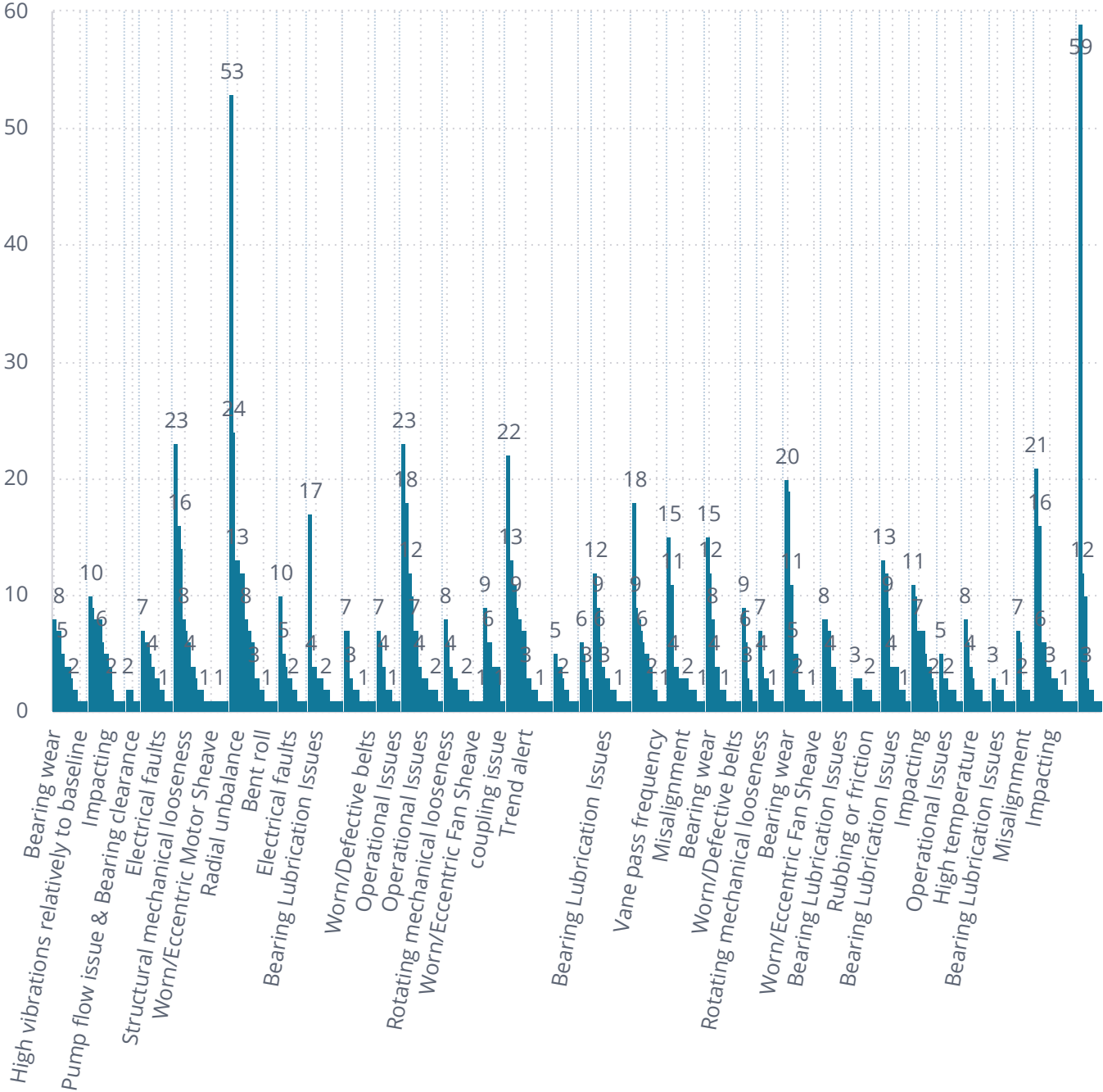
alarm, danger

Years

2024

of failures detected per site

ATY2_Ortmann DEY5- Neuss FRY2_Le Theil GBY4 - Manchester ITY2_Collodi NOK- Nokia USYH - Menasha



of faults detected

Filters	company_nameEssity	machine_level_namealarm, danger	Years2024
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of failures detected per site

company_name	building_parent_name	component_result_problem_key	
			2024 Q1
Essity	ATY2_Ortmann	Axial unbalance	
		Bearing Lubrication Issues	1
		Bearing wear	2
		Electrical faults	
		Gear Friction	
		High vibrations relatively to baseline	
		Impacting	
		Misalignment	
		Operational Issues	
		Radial unbalance	1
		Rotating mechanical looseness	2
		Structural mechanical looseness	1
		Worn/Defective belts	
		Worn/Eccentric Fan Sheave	2
		BEY2_Stembert	Bearing Lubrication Issues
	Bearing wear		
	Cavitation		1
	Electricity discharge through bearing		
	Gear Friction		4
	High vibrations relatively to baseline		
	Impacting		1
	Misalignment		
	Operational Issues		2
	Radial unbalance		
	Resonance		
Grand Total			489

Filters	company_nameEssity	machine_level_namealarm, danger	Years2024
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of failures detected per site

company_name	building_parent_name	component_result_problem_key	machine_name
Essity	ATY2_Ortmann	Axial unbalance	FLW1
		Bearing Lubrication Issues	P522-BAPW
		Bearing wear	A101-Entstipper
			A213-Vario Aust
			M2540-Umluftve
			P501-Formierwa
			P522-BAPW
		Electrical faults	P0032-Klarwass
			P552-Yankee Mo
		Gear Friction	A213-Vario Aust
			P007-Refiner 34
			P501-Formierwa
			P522-BAPW
			P523-FLW 6
		High vibrations relatively to baseline	P502-Siebleitwa
		Impacting	A213-Vario Aust
			FLW9
			P502-Siebleitwa
			P522-BAPW
		Misalignment	A059-Combi-Sor
			M2916 Staubabs
			P0032-Klarwass
		Operational Issues	A101-Entstipper
			FLW1
			P007-Refiner 34
Grand Total			

Filters

company_name

Essity |

machine_level_name

alarm, danger |

Years

2024

Total Bookmarks added per machine

company_name	branch_name	facility_name	machine_name
Essity	Austria	ATY2_Ortmann	A008-Auflösetrommel Ableerpumpe
			A213-Vario Austragsschnecke 1
			FLW1
			FLW8 - Filzspannwalze
			FLW9
			P156-Vakuumpumpe 2 (NASH)
			P162-Vakuumpumpe 6 (NASH)
			P521-SAPW
			P522-BAPW
			P552-Yankee Motor 2 + Getriebe
			P573-Abluftventilator
			P574-Brennergebläse Wet End
			P591-Poperoller
	Belgium	BEY2_Stembert	#21 10022009 Pick-up roll felt
			#24 10029573 After Blind Drilled press roll felt
			#27 10029576 Tension roll felt
			#3 10064393 Guide roll felt
			#30 10029571 Between presses roll felt
			#31 10021221 Blind drilled press roll felt
#32 10021219 Suction press roll felt			
		#4 10033215 Suction press roll felt	
Grand Total			

Filters	company_nameEssity	machine_level_namealarm, danger	Years2024
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Total Failures detected per machine

company_name	site_name	machine_type_grouping	machine_name
Essity	ATY2_Ortmann	Compressor_Machine, Centrifugal	P156-Vakuumpumpe 2 (NASH)
		Fan, Centrifugal	M2540-Umluftventilator Wet End
			M2916 Staubabsaugung
			P574-Brennergebläse Wet End
		Other, Mixer	A059-Combi-Sorter
		Other, Roll	FLW1
			FLW5
			FLW9
			P501-Formierwalze
			P502-Siebleitwalze
			P521-SAPW
			P522-BAPW
Grand Total			

Filters	company_nameEssity	machine_level_namealarm, danger	Years2024
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Total Failures detected per machine_type_group

type	machine_type_grouping	component_result_problem_key	
			2024 Q1
compressor_machine	Compressor_Machine, Centrifugal	Operational Issues	
		Rotating mechanical looseness	
	Compressor_Machine, Centrifugal Total		
	Compressor_Machine, Screw	Coupling issue & Electrical fault	
		Electrical faults	
		Trend alert	
	Compressor_Machine, Screw Total		
compressor_machine Total			
fan	Fan, Axial	Bearing wear	
		Rotating mechanical looseness	
		Structural mechanical looseness	
	Fan, Axial Total		
	Fan, Centrifugal	Abrupt rise in vibration parameters.	
		Axial unbalance	
		Bearing Lubrication Issues	
		Bearing wear	
		Blade pass frequency	
		Coupling issue	
		Electrical faults	
		Electricity discharge through bearing	
		Endpoint Mounting Issues	
		High temperature	
		Impacting	
		Misalignment	
		Operational Issues	
Grand Total			

Filters	company_nameEssity	machine_level_namealarm, danger	Years2024
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of failures detected Per Day

2024

	Jan	Feb	Mar	Apr	May	Jun
Mon	18152229	5121926	4111825	18152229	6132027	3101724
Tue	29162330	6132027	5121926	29162330	7142128	4111825
Wed	310172431	7142128	6132027	3101724	18152229	5121926
Thu	4111825	18152229	7142128	4111825	29162330	6132027
Fri	5121926	29162330	18152229	5121926	310172431	7142128
Sat	6132027	310172431	29162330	6132027	4111825	18152229
Sun	7142128	4111825	310172431	7142128	5121926	29162330

	Jul	Aug	Sep	Oct	Nov	Dec
Mon	18152229	5121926	29162330	7142128	4111825	29162330
Tue	29162330	6132027	310172431	18152229	5121926	310172431
Wed	310172431	7142128	4111825	29162330	6132027	4111825
Thu	4111825	18152229	5121926	310172431	7142128	5121926
Fri	5121926	29162330	6132027	4111825	18152229	6132027
Sat	6132027	310172431	7142128	5121926	29162330	7142128
Sun	7142128	4111825	18152229	6132027	310172431	18152229