

Report Provided By: PolyVista, Inc. 1222 Ridgeley Drive Houston, TX 77055 925.253.1451

	Misc. 48% (83.7k)			Electrical 21% (35.7k) Hydraulic 19% (33.7k)							
Service Bulletin 51% (43.1k)			Denied Claim 13% (10.9k)			Switches Potention (5.23k)		O-Rings - 1yr 25% (8.	1yr 25% (8.38k) Valves 19% (6		(6.47k)
				Electronic Contro (4.65k)	ol M 13%	Charges 11%	(4.05k)	Pumps 13% (4.24k)		Hoses - 1 ' (2.81k)	Yr 8%
				Pc Boards/ Modules 7% (2.34k)	Batteries 5% (1.92k)	Misc. (Cylinders/Seals 8% (2.81k)	Misc. 5%		"Hyd Tanks & Fuel Ta 6% (995)
	Goodwill Sales 9% (7.31k)	•		Joysticks 5% (1.93k)	3% (1.10k) Motors 3% (1.10k)	tractors 3% (1.10k) Level Sensor 2% (793)	ents 3% (747)	Hyd Platform Rotator 6% (2.18k)	Motor/Hi	96	
		Goodwill Warranty 4 (3.29k)	% Refurb/Reco n Machine 1% (894)	Mechani Misc Axles 779	cal / Structu 6 (7.32k)	5% (9.54k)	Diese	ne Misc. Muffle/Exh % aus 20%	Not Code (2.89k)	2% (2.89k) d 100% eous 1% (1.	
									Undefine (1.89k)	d 100%	

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Misc. (top 10)

Title	Subtitle									
Service Bulletin 48% (42.0k)	84H 13% (5,569)	84H 13% (5,569)		245 6% (2,57)		575)	Z13 5%	(2,125)	S65	5% (2,078)
Denied Claim 13% (10.5k)	19S 11% (1,195)		10H 8% (801)		Z45 7% (729)	84	84H 6% (681)		32S 6% (612)	
Misc. Claim 13% (10.3k)	19S 10% (1,035)		H 7% (678)		84H 6% (625)	40R 5% (559)		R 5% (559) 90R 59		5% (543)
Goodwill Sales 9% (7 <mark>,248)</mark>	19S 16% (1,176)	H 11% (776)			10H 9% (61	10H 9% (617)		GR 6% (455)		S 6% (428)
Product Advisory 8% (6 <mark>,717)</mark>	H 26% (1,721)		84H 13% (883))	55H 12% (816)		Z40 11% (771)		S60 8% (555)	
Goodwill Warranty 4% (3,26 <mark>9)</mark>	10H 16% (519)		H 12% (403)		84H 11% (364)		19S 8% (260)		55H 7% (227)	
Refurb/Recon Machines 1% (894)	S12 20% (180)	In	correct Model 17% (15	5)	S85 13% (120)		Z60 9% (77)		S60 8% (73)	
Used Equipment 1% (625)	Incorrect Model 20% (127)	S60 12% (S65 11% (68)		S80 8% (49)		19S 8% (49)	
EPG Claim 1% (193)	69R 16% (31)		20S 16% (31)		19S 12% (23)		10H 9% (18)			84H 6% (11)
Performance 1% (35)	198 34% (12)				5 17% (6) Z60 9% (3)		9% (3)	32S 9%	(3)	40R 6% (2)

Appearance

Title		Subtitle						
Shipping Damage 48% (629)	AWP 24% (148)	GR 18%	116)	SLC 7%	(41) Z34 6% (37		19S 5%	6 (34)
Decals 29% (383)	198 5	54% (207)						Z45
Paint 19% (244)	19S 30% (73)	208	20S 29% (71)			15	S 5%	40R
Rust 2% (31)	Z80 23% (7)	S45 16% (5	S45 16% (5) Z3		ZX13 6% (2)		S40 6%	(2)
Covers 2% (30)	AWP 23% (7)	S45 17% (5)	Z45 13	% (4)	SX18 10% ((3)	GR 7%	(2)

Electrical (top 10)

Title	Subtitle								
Misc. 16% (7,860)	19S 12% (921)	10H 7	% (513)	20S 6% (4	36)	GR 5% (392	2)	Z45 5%	(391)
Switches / Potentiometer 15% (5,130)	S12 8% (417) 19S 7% (380) 10H 6% (331) Z45		745 6% (312)	(312) Z80		(269)			
Electronic Control Module - PCON/GCON 13% (4,557)	19S 39% (1,758) 20S 18% (817)		32S 16% (709	32S 16% (709)		31) 40R			
Charges 11% (3,956)	19S 22% (886) 32S 18% (699) Z45 14% (6 (546)	20S 13% (50		Z34	7% (266)		
PC Boards/ Modules 7% (2,269)	19S 30% (679)		20S 16%	20S 16% (358)		32S 12% (275)		9% (200)	Z45
Batteries 5% (1,893)	19S 12% (223)	32S 11% (208)	203	S 11% (203)		Z45 8% (152	2)	AWP 7%	6 (127)
Joysticks 5% (1,846)	19S 13% (235)	Z45 8% (156)	S6.	5 8% (144)		S85 7% (138)		H 7% (1	.25)
Wiring/Cablng Misc. 5% (1,764)	GR 12% (208)	198 :	11% (188)	32	2S 5% (97)	20S 59	5% (88) H 5% (81)		6 (81)
Motors 3% (1,073)	19S 16% (177)	55H 14% (152	2)	10H 11% (113	3)	Z45 10% (103	3)	84H 9%	(92)
Controllers 3% (1,067)	19S 29% (305)	GR 12% (% (127) 20S 11% (121)		.% (121)	328 8	32S 8% (90) 10H 4%	

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Mechanical / Structural (top 10)

Title	Subtitle									
Misc Axles 70% (7,160)	84H 24% (1,689)	84H 24% (1,689)		10H 17% (1,197)			55H 8% (592) H 8%			GR 3%
Wear Pads 5% (461)	S65 15% (71) 10H 1		OH 13% (61)) Z30 9% (41)		H 8% (38)		3)	ncorrec	t Model
Cables/Chains 4% (38 <mark>5)</mark>	GR 19% (73)		SLC 169	% (62)	S65		AWF	6% (24)	198	6% (24)
Winches 4% (34 <mark>3)</mark>	SLC 25% (86)			SLA 10% (35)	RL4 7% (24)		10H 7% (23)		84H	6% (21)
Tires/Wheels 3% (240)	Z45 12% (28) 32S 11% (.7)	GR 109	% (25)	SLC 9% (21))	AWP	6% (14)
Gas 2% (206)	GR 23% (48)		S65 15%	S65 15% (31) S60 12%		(24) Z34 8% (17)		(17)	32S 8	3% (17)
Mechanical Adjustment 2% (147)	20S 17% (25)		H 12%	H 12% (18)		32S 12% (17) 19S 5		198 5	% (7)	Incorrect
Drive Torque Hub - Gear Box *1YEAR 1% (85)	Z45 41	.% (35)			S65 99	6 (8)	Z62 8% (7) S6		5% (4)	90R 5%
Pins 1% (78)	Z62 21% (16)		Incorrect Model 9% (7)		7) S65	S65 6% (5) 10H		6% (5)	Z30	5% (4)
Cable Tracks 1% (68)	10H 19% (13)		Z45 18% (1	12)	S65 1	0% (7)	Z62 7	% (5)	S40	7% (5)

Engines (top 10)

Title			Subtitle			
Diesel Engine Misc Fan (Structural) 22% (1,265)	55H 17% (219)	84H 17% (213)	H 17% ((213)	10H 12% (15	51) S65 5%
Diesel Muffle/Exhaust 21% (1,074)	10H 31% (328)		H 20% (212)	55H 13% (1	(40) S85 9%	(92) S45 7% (74)
Diesel Throttle/Actuator/Solenoid 10% (542)	S85 17% (91)	S12 11% ((62) S65 8	3% (44)	69R 7% (38)	S80 7% (37)
Engine Starters - Covered Technically Goodwill 10% (515)	Z45 34% (177))	Z60 12% (62)	S45 11% (58	S65 10%	(53) S40 5%
Gas Engine Misc. 8% (389)	Z45 15% (60)	90R 15% (60)) Z60	8% (31)	S65 8% (31)	S45 7% (27)
Diesel Starter - Covered Technically As Goodwill 5% (268)	55H 15% (41)	Z45 15% (39)	84H 11	1% (30)	10H 9% (23)	S85 6% (16)
Throttle Solenoid 5% (266)	Z45 15% (40)	90R 10% (27)	69R 10% (26)	S65	9% (23)	S85 8% (22)
Radiator - Small Co. We Cove <mark>r 4% (222)</mark>	H 14% (32)	Z45 12% (27)	S65 12% (27)	S4	15 12% (26)	S60 7% (15)
Muffler 3% (142)	S45 20% (29)	S40 16% (23)	S85 1	5% (22)	S80 11% (16	5) AL5 6% (8)
Diesel Alternator 3% (134)	10H 15% (20)	84H 11% (15)	Z45 10% (14)	TZ5 9% (12)	S40 6% (8)

Hydraulic (top 10)

Title	Subtitle							
O-Rings - 1YR 21% (8,323)	10H 21% (1,770)		9% (754)	4) 198 7% (58		OR 7% (561)	Z45 7% (544)	
Valves 19% (6,409)	19S 11% (717) Z45 119			S45 6% (367)		4H 5% (335)	S65 5% (321)	
Pumps 12% (4,160)	198 15% (625)	40R 13% (555)		Z45 11% (45	1)	TZ3 6% (20	51) 90R 5% (225)	
Cylinders/Seals 8% (2,771)	84H 12% (344)	19S 10% (285)	H 9% (2	246)	Z62 8%	6 (232)	Z45 7% (190)	
Hoses - 1 YR 8% (2,754)	H 11% (299)	84H 8% (212)	S65 6%	S65 6% (172)		(172)	Z45 6% (169)	
Hyd Platform Rotat <mark>or 7% (2,178)</mark>	Z45 17% (360)	S60 14% (295)	Z3	Z30 9% (198)		9% (186)	S45 8% (174)	
Misc. 5% (1,647)	84H 13% (221)	H 13% (214)	(214) 10H 9% (1		45) Z45 8% (1		90R 4% (69)	
"Hyd Tanks & Fuel Tanks, Site Glass" 3% (990)	19S 24% (240)	Z45	14% (135)	S65 8	3% (82)	GR 7% (7	1) S60 6% (62)	
Swing Motor/Hub/Brake - 1YR 3% (936)		Z45 64% (595)				S45 6% S85 6% S40 4% Z60		
Motor 2% (771)	Z45 13% (101)	19S 9% (68)	6 (68) 69R 79		S45 7% (51)		S40 6% (47)	

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m	iscl	laneous	
	1301	iancous	

Title		Subtitle			
Undefined 100% (1,871)	19S 13% (250)	10H 11% (202)	Z45 6% (110)	84H 6% (108)	55H 5% (102)

Misc

litle		Subt	itle		
Not Coded 100% (2,641)	10H 11% (288)	84H 9% (244)	19S 7% (188)	32S 6% (157)	Z45 6% (156)

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A Houston-based company founded in 1995, PolyVista is a cloud-based analytical platform that delivers results beyond what conventional analysis and reporting tools are able to provide. With PolyVista's software as a service (SaaS) solution, clients across all industries and business roles are able to harness the power of our automated text analysis capabilities to extract meaningful and previously unknown business insights, anomalies, patterns and correlations hidden in their data. The information discovered by PolyVista serves as the foundation for solving complex and diverse business issues. Contact PolyVista today to learn more.

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