UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 8-K

Current Report Pursuant to Section 13 or 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported) May 4, 2022 (April 29, 2022)

TWIN DISC, INCORPORATED

(exact name of registrant as specified in its charter)

WISCONSIN
(State or other jurisdiction of incorporation)

<u>001-7635</u> (Commission File Number)

39-0667110 (IRS Employer Identification No.)

1328 Racine Street Racine, Wisconsin 53403

(Address of principal executive offices)

Registrant's telephone number, including area code: (262) 638-4000

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the

following provisions:										
□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)										
Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)										
Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))										
Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))										
Securities registered pursuant to Section 12(b) of the Exch	nange Act:									
Title of each class	Trading Symbol(s)	Name of each exchange on which registered								
Common Stock (No Par Value)	TWIN	The NASDAQ Stock Market LLC								
Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter). Emerging growth company										
If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.										

Item 2.02 Results of Operations and Financial Condition

Twin Disc, Incorporated (the "Company") has reported its third quarter 2022 financial results. The Company's press release dated April 29, 2022 announcing the results is attached hereto as Exhibit 99.1 and is incorporated herein in its entirety by reference.

The information set forth in this Item 2.02 of Form 8-K, including Exhibit 99.1, is furnished pursuant to Item 2.02 and shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Item 7.01 Regulation FD Disclosure

The information set forth under Item 2.02 of this report is incorporated herein by reference solely for the purposes of this Item 7.01.

The information set forth in this Item 7.01 of Form 8-K is furnished pursuant to Item 7.01 and shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

FORWARD LOOKING STATEMENTS

The disclosures in this report on Form 8-K and in the documents incorporated herein by reference contain or may contain "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. The words "believes," "expects," "intends," "plans," "anticipates," "hopes," "likely," "will," and similar expressions identify such forward-looking statements. Such forward-looking statements involve known and unknown risks, uncertainties and other important factors that could cause the actual results, performance or achievements of the Company (or entities in which the Company has interests), or industry results, to differ materially from future results, performance or achievements expressed or implied by such forward-looking statements. Certain factors that could cause the Company's actual future results to differ materially from those discussed are noted in connection with such statements, but other unanticipated factors could arise. Readers are cautioned not to place undue reliance on these forward-looking statements which reflect management's view only as of the date of this Form 8-K. The Company undertakes no obligation to publicly release any revisions to these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events, conditions or circumstances.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

EXHIBIT NUMBER DESCRIPTION

99.1 <u>Press Release announcing third quarter 2022 financial results.</u>

104 Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURE

Pursuant to the requirements of section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: May 4, 2022 Twin Disc, Inc.

/s/ JEFFREY S. KNUTSON

Jeffrey S. Knutson Vice President-Finance, Chief Financial

Officer, Treasurer & Secretary



NEWS RELEASE

Corporate Offices: 1328 Racine Street Racine, WI 53403

FOR IMMEDIATE RELEASE

Contact: Jeffrey S. Knutson (262) 638-4242

TWIN DISC, INC. ANNOUNCES FISCAL 2022 THIRD OUARTER FINANCIAL RESULTS

- Third quarter sales up 2.9% year-over-year
- Gross margin increased 560 basis points year-over-year to 29.8%
- Six-month backlog of \$108.9 million at March 25, 2022, up 10.1% since December 31, 2021
- Management remains optimistic recovery is underway as order rates and demand improve

RACINE, WISCONSIN — April 29, 2022 — **Twin Disc, Inc. (NASDAQ: TWIN)**, today reported financial results for the fiscal 2022 third quarter and nine months ended March 25, 2022.

Sales for the fiscal 2022 third quarter were \$59.3 million, compared to \$57.6 million for the same period last year. The 2.9% increase in fiscal 2022 third quarter net sales was primarily due to improving demand within the Company's global oil and gas, industrial and marine markets compared to the same period last fiscal year. The positive impact of improving market conditions was partially offset by global supply chain challenges, which continued to limit sales growth during both the fiscal 2022 third quarter and nine-months. Foreign currency exchange had a \$3.0 million negative impact on fiscal 2022 third quarter sales and a \$3.5 million negative impact on fiscal 2022 year-to-date sales. Year-to-date sales increased 9.6% to \$166.9 million, compared to \$152.4 million for the fiscal 2021 nine-months.

John H. Batten, President and Chief Executive Officer, commented: "I am pleased with the progress we made during the third quarter and the positive momentum underway across many aspects of our business and global markets. Throughout the quarter, our teams worked with our suppliers and customers to navigate tight raw material supply conditions. As expected, our third quarter financial results also reflect the benefits of our recent pricing initiatives and multi-year strategies focused on improving our global cost structure, which combined with a more profitable mix of sales, drove third quarter gross margin to the highest level in three fiscal years. We remain focused on pursuing initiatives that further diversify our geographic and end markets, while maintaining compelling levels of profitability through an efficient and asset-light operating model, and investing in R&D programs that drive long-term growth and innovation."

"Our six-month backlog at March 25, 2022, was \$108.9 million, compared to \$70.3 million at June 30, 2021, and \$98.9 million at December 31, 2021. The 10.1% sequential increase was due to strong orders and demand trends across many of our global markets. Growth in our backlog also reflects shipping, logistics, and production delays, which impacted the timing of shipments during the third quarter. Aftermarket sales to North American pressure pumping customers remains strong, which we believe indicates a growing investment cycle over the coming quarters within the North American pressure pumping market. In addition, we are experiencing higher global demand for our pressure pumping transmission systems, most notably our 7600 series transmission systems for use in the Chinese oil and gas market. We expect fiscal 2022 to be a strong year of sales growth and profitability as we benefit from the strategies we are pursuing to create long-term and sustainable value for our customers, team members, and shareholders."

Gross profit percent for the fiscal 2022 third quarter was 29.8%, compared to 24.2% for the same period last year. The 560-basis point year-over-year increase in gross profit margin percentage was primarily due to improved efficiencies, prudent selling price adjustments to offset higher raw material prices, and a more profitable mix of sales. Year-to-date, gross margin was 26.7% compared to 21.4% for the fiscal 2021 nine months.

For the fiscal 2022 third quarter, marketing, engineering and administrative (ME&A) expenses increased by \$1.2 million to \$14.4 million, compared to \$13.2 million for the fiscal 2021 third quarter. The 9.1% increase in ME&A expenses in the quarter was primarily due to the accrual for the global bonus program (\$0.8 million), professional fees (\$0.3 million), increased travel (\$0.2 million) and other net spending increases of \$1.0 million. These increases were partially offset by a Dutch COVID relief subsidy recorded in the quarter, which reduced ME&A expense by \$0.7 million and a currency impact of \$0.4 million. As a percent of revenues, ME&A expenses were 24.3% for the fiscal 2022 third quarter, compared to 22.9% for the same period last fiscal year. Year-to-date, ME&A expenses were \$42.8 million, compared to \$39.0 million for the fiscal 2021 nine-month period. As a percent of revenues, ME&A expenses were 25.6% for both the fiscal 2022 and 2021 nine-month periods.

The Company incurred restructuring charges of approximately \$1.5 million during the fiscal 2022 nine-month period, which includes \$0.3 million during the fiscal 2022 third quarter. Year-to-date restructuring expenses have been primarily associated with the final negotiated settlement related to the Belgian restructuring program announced in June 2021. The total cost of this program is now estimated at \$3.3 million, and the Company anticipates annual pre-tax savings of approximately \$1.6 million upon completion of this program.

During the fiscal 2022 first quarter, Twin Disc completed a sale leaseback of its Rolla production facility in Switzerland for net proceeds of \$9.1 million, which resulted in a gain of \$2.9 million and was recorded in other operating income.

For the fiscal 2022 third quarter and nine-month period, Twin Disc recorded other income of \$0.5 million and \$0.6 million, respectively, primarily attributable to translation gains related to Euro denominated liabilities. For the fiscal 2021 third quarter and nine-month period, Twin Disc recorded other income of \$0.6 million and other expenses of \$2.3 million, respectively, also attributable to exchange rate movements related to Euro denominated liabilities.

For the nine months ended March 25, 2022, and March 26, 2021, the Company's effective income tax rate was 76.5% and 28.9%, respectively. The current year rate was impacted by the fact that the domestic entity recognized a full valuation allowance in the fourth quarter of fiscal 2021, resulting in no tax benefits being recognized for current domestic losses.

Net income attributable to Twin Disc for the fiscal 2022 third quarter was \$2.2 million, or \$0.17 per diluted share, compared to net income attributable to Twin Disc of \$94,000, or \$0.01 per diluted share, for the fiscal 2021 third quarter. Year-to-date, net income attributable to Twin Disc was \$0.3 million, or \$0.02 per diluted share, compared to a net loss attributable to Twin Disc of \$(8.2 million), or \$(0.62) per diluted share for the fiscal 2021 nine-month period.

Earnings before interest, taxes, depreciation and amortization (EBITDA)* were \$5.8 million for the fiscal 2022 third quarter, compared to \$3.8 million for the fiscal 2021 third quarter. For the fiscal 2022 nine-month period, EBITDA was \$11.0 million, compared to a loss of \$(1.3 million) for the fiscal 2021 comparable period.

Jeffrey S. Knutson, Vice President – Finance, Chief Financial Officer, Treasurer and Secretary stated, "While we remain focused on controlling inventory and working capital levels, inventories increased 5.8% over the past three months as we support recent order growth and navigate global supply chain and logistic challenges. With total debt, net of cash, of \$21.2 million and a \$12.3 million year-over-year improvement in year-to-date EBITDA results, we believe we have the financial flexibility to support our long-term growth initiatives. We also continue to make progress creating a more assetlight business model and, during the third quarter signed an agreement to sell our corporate headquarters for approximately \$3.3 million. We believe this transaction will close during our fiscal 2023 first quarter, and we expect to save \$0.7 million in annual expenses. We also continue to invest in modernizing our global facilities, which includes adding resources and capabilities to our Lufkin manufacturing facility. We plan to invest approximately \$5 million in capital expenditures during fiscal 2022."

Twin Disc will be hosting a conference call to discuss these results and to answer questions at 11:00 a.m. Eastern Time on April 29, 2022. To participate in the conference call, please dial

877-407-9039 five to ten minutes before the call is scheduled to begin. A replay will be available from 2:00 p.m. Eastern Time April 29, 2022, until midnight May 6, 2022. The number to hear the teleconference replay is 844-512-2921. The access code for the replay is 13727780.

The conference call will also be broadcast live over the Internet. To listen to the call via the Internet, access Twin Disc's website at http://ir.twindisc.com_and follow the instructions at the web cast link. The archived webcast will be available shortly after the call on the Company's website.

About Twin Disc, Inc.

Twin Disc, Inc. designs, manufactures and sells marine and heavy-duty off-highway power transmission equipment. Products offered include marine transmissions, azimuth drives, surface drives, propellers and boat management systems, as well as power-shift transmissions, hydraulic torque converters, power take-offs, industrial clutches and control systems. The Company sells its products to customers primarily in the pleasure craft, commercial and military marine markets, as well as in the energy and natural resources, government and industrial markets. The Company's worldwide sales to both domestic and foreign customers are transacted through a direct sales force and a distributor network. For more information, please visit www.twindisc.com.

Forward-Looking Statements

This press release may contain statements that are forward looking as defined by the Securities and Exchange Commission in its rules, regulations and releases. The Company intends that such forward-looking statements be subject to the safe harbors created thereby. All forward-looking statements are based on current expectations regarding important risk factors including those identified in the Company's most recent periodic report and other filings with the Securities and Exchange Commission. Accordingly, actual results may differ materially from those expressed in the forward-looking statements, and the making of such statements should not be regarded as a representation by the Company or any other person that the results expressed therein will be achieved. Risk factors also include the effects of the COVID-19 pandemic, and any impact the COVID-19 pandemic may have on the Company's business operations, as well as its impact on general economic and financial market conditions.

*Non-GAAP Financial Disclosures

Financial information excluding the impact of asset impairments, restructuring charges, foreign currency exchange rate changes and the impact of acquisitions, if any, in this press release are not measures that are defined in U.S. Generally Accepted Accounting Principles ("GAAP"). These items are measures that management believes are important to adjust for in order to have a meaningful comparison to prior and future periods and to provide a basis for future projections and for estimating our earnings growth prospects. Non-GAAP measures are used by management as a performance measure to judge profitability of our business absent the impact of foreign currency exchange rate changes and acquisitions. Management analyzes the company's business performance and trends excluding these amounts. These measures, as well as EBITDA, provide a more consistent view of performance than the closest GAAP equivalent for management and investors. Management compensates for this by using these measures in combination with the GAAP measures. The presentation of the non-GAAP measures in this press release are made alongside the most directly comparable GAAP measures.

<u>Definition – Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA)</u>

Net earnings or loss excluding interest expense, the provision or benefit for income taxes, depreciation and amortization expenses: this is a financial measure of the profit generated excluding the above-mentioned items.

--Financial Results Follow--

CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE INCOME (LOSS)

(In thousands, except per-share data; unaudited)

Net sales \$ 59,289 \$ 57,640 \$ 166,939 \$ 152,377 Cost of goods sold 41,598 43,678 122,319 119,835 Gross profit 17,691 13,962 44,620 32,542 Marketing, engineering and administrative expenses 14,396 13,196 42,753 39,000 Restructuring expenses 303 251 1,542 777 Other operating income (63) - (2,957) - Income (loss) from operations 3,055 515 3,282 (7,235) Interest expense 490 606 1,594 1,769 Other (income) expense, net (498) (557) (608) 2,314		For the Qua March 25, 2022		arter Ended March 26, 2021		For the Three O March 25, 2022		Quarters Ended March 26, 2021	
Cost of goods sold 41,598 43,678 122,319 119,835 Gross profit 17,691 13,962 44,620 32,542 Marketing, engineering and administrative expenses 14,396 13,196 42,753 39,000 Restructuring expenses 303 251 1,542 777 Other operating income (63) - (2,957) - Income (loss) from operations 3,055 515 3,282 (7,235) Interest expense 490 606 1,594 1,769 Other (income) expense, net (498) (557) (608) 2,314	Net sales	\$	59,289	\$	57.640	\$	166,939	\$	152.377
Gross profit 17,691 13,962 44,620 32,542 Marketing, engineering and administrative expenses 14,396 13,196 42,753 39,000 Restructuring expenses 303 251 1,542 777 Other operating income (63) - (2,957) - Income (loss) from operations 3,055 515 3,282 (7,235) Interest expense 490 606 1,594 1,769 Other (income) expense, net (498) (557) (608) 2,314	Cost of goods sold								
Restructuring expenses 303 251 1,542 777 Other operating income (63) - (2,957) - Income (loss) from operations 3,055 515 3,282 (7,235) Interest expense 490 606 1,594 1,769 Other (income) expense, net (498) (557) (608) 2,314									
Restructuring expenses 303 251 1,542 777 Other operating income (63) - (2,957) - Income (loss) from operations 3,055 515 3,282 (7,235) Interest expense 490 606 1,594 1,769 Other (income) expense, net (498) (557) (608) 2,314									
Other operating income (63) - (2,957) - Income (loss) from operations 3,055 515 3,282 (7,235) Interest expense 490 606 1,594 1,769 Other (income) expense, net (498) (557) (608) 2,314									
Income (loss) from operations 3,055 515 3,282 (7,235) Interest expense 490 606 1,594 1,769 Other (income) expense, net (498) (557) (608) 2,314	<u> </u>				251				777
Interest expense 490 606 1,594 1,769 Other (income) expense, net (498) (557) (608) 2,314									<u>-</u>
Other (income) expense, net (498) (557) (608) 2,314									
	Interest expense								
Income (loss) before income taxes and noncontrolling interest 3,063 466 2,296 (11,318)	Income (loss) before income taxes and noncontrolling interest		3,063		466		2,296		(11,318)
Income tax expense (benefit) 753 300 1,757 (3,267)	Income tax expense (benefit)		753		300		1,757		(3,267)
			2.210						(0.051)
	` /								(8,051)
				_					(147)
Net income (loss) attributable to Twin Disc <u>\$ 2,231</u> <u>\$ 94</u> <u>\$ 316</u> <u>\$ (8,198)</u>	Net income (loss) attributable to Twin Disc	\$	2,231	\$	94	\$	316	\$	(8,198)
	Famines (less) was shown date.								
Earnings (loss) per share data: Basic income (loss) per share attributable to Twin Disc common shareholders \$ 0.17 \$ 0.01 \$ 0.02 \$ (0.62)		¢	0.17	¢	0.01	Ф	0.02	Φ	(0.62)
		Ф	0.17	Ф	0.01	Ф	0.02	Ф	(0.62)
Diluted income (loss) per share attributable to Twin Disc common shareholders \$ 0.17 \$ 0.01 \$ 0.02 \$ (0.62)		¢	0.17	d.	0.01	ď	0.02	ø	(0.62)
shareholders \$ 0.17 \$ 0.01 \$ 0.02 \$ (0.62)	snarenoiders	\$	0.17	Э	0.01	Э	0.02	Э	(0.62)
Weighted average shares outstanding data:	Weighted average shares outstanding data:								
Basic 13,397 13,269 13,339 13,240	· ·		13,397		13,269		13,339		13,240
Diluted 13,457 13,295 13,373 13,240	Diluted								
Comprehensive income (loss):	Comprehensive income (loss):								
		\$	2,310	\$	166	\$	539	\$	(8,051)
Benefit plan adjustments, net of taxes of \$4, \$177, \$4, and \$529, respectively 505 583 1,512 1,691	Benefit plan adjustments, net of taxes of \$4, \$177, \$4, and \$529, respectively		505		583		1,512		1,691
Foreign currency translation adjustment (2,680) (3,008) (6,359) 5,503	Foreign currency translation adjustment		(2,680)		(3,008)		(6,359)		5,503
Unrealized gain on cash flow hedge, net of income taxes of \$0,\$60, \$0, and									
\$115, respectively <u>810</u> 193 1,748 372									
Comprehensive income (loss) 945 (2,066) (2,560) (485)	Comprehensive income (loss)		945		(2,066)		(2,560)		(485)
	Less: Comprehensive income (loss) attributable to noncontrolling interest				(34)				(133)
Comprehensive income (loss) attributable to Twin Disc $\frac{$983}{}$ $\frac{$(2,100)}{}$ $\frac{$(2,325)}{}$ $\frac{$(618)}{}$	Comprehensive income (loss) attributable to Twin Disc	\$	983	\$	(2,100)	\$	(2,325)	\$	(618)

RECONCILIATION OF CONSOLIDATED NET INCOME (LOSS) TO EBITDA (In thousands; unaudited)

	For the Quarter Ended			For the Three Quarters Ended				
	March 25,		March 26,		March 25,		March 26,	
	2022		2021		2022		2021	
Net income (loss) attributable to Twin Disc	\$	2,231	\$	94	\$	316	\$	(8,198)
Interest expense		490		606		1,594		1,769
Income taxes		753		300		1,757		(3,267)
Depreciation and amortization		2,306		2,843		7,317		8,366
Earnings (loss) before interest, taxes, depreciation and amortization	\$	5,780	\$	3,843	\$	10,984	\$	(1,330)

CONDENSED CONSOLIDATED BALANCE SHEETS

(In thousands; except share amounts, unaudited)

	M	farch 25, 2022		June 30, 2021
ASSETS				
Current assets:				
Cash		12,825	\$	12,340
Trade accounts receivable, net		38,977		39,491
Inventories		131,080		114,967
Assets held for sale		3,082		9,539
Prepaid expenses		6,984		5,704
Other		8,447		9,926
Total current assets		201,395		191,967
Property, plant and equipment, net		42,753		45,463
Right-of-use assets operating leases		13,692		14,736
Intangible assets, net		13,944		17,480
Deferred income taxes		2,258		2,511
Other assets		3,682		3,256
Other assets		3,002		3,230
TOTAL ASSETS	\$	277,724	\$	275,413
LIABILITIES AND EQUITY				
Current liabilities:				
Current maturities of long-term debt	\$	2,000	\$	2,000
	\$	34,195	Ф	
Accounts payable				31,011
Accrued liabilities		48,779		45,549
Total current liabilities		84,974		78,560
Long-term debt		32,069		30,085
Lease obligations		11,543		12,887
Accrued retirement benefits		10,065		11,176
Deferred income taxes		3,959		5,045
Other long-term liabilities	<u></u>	5,659		7,000
Total liabilities		148,269		144,753
Twin Disc shareholders' equity:				
Preferred shares authorized: 200,000; issued: none; no par value		-		-
Common shares authorized: 30,000,000; issued: 14,632,802; no par value		42,048		40,972
Retained earnings		127,251		126,936
Accumulated other comprehensive loss		(25,724)		(22,615)
		143,575		145,293
Less treasury stock, at cost (965,987 and 984,139 shares, respectively)		14,805		15,083
Total Twin Disc shareholders' equity		128,770		130,210
Noncontrolling interest		685		450
Noncontrolling interest		129,455		
Total equity		129,455		130,660
TOTAL LIABILITIES AND EQUITY	\$	277,724	\$	275,413

CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

(In thousands; unaudited)

	For the Three Quarch 25,	Quarters Ended March 26, 2021		
CASH FLOWS FROM OPERATING ACTIVITIES:				
Net income (loss)	\$ 539	\$	(8,051)	
Adjustments to reconcile net income (loss) to net cash (used) provided by operating activities, net of				
acquired assets:	- 21-		0.044	
Depreciation and amortization	7,317		8,366	
Gain on sale of assets	(2,939)		-	
Restructuring expenses	(487)		215	
Provision for deferred income taxes	(1,383)		(6,052)	
Stock compensation expense and other non-cash charges, net	2,642		1,934	
Net change in operating assets and liabilities	 (12,912)		8,603	
Net cash (used) provided by operating activities	 (7,223)		5,015	
CASH FLOWS FROM INVESTING ACTIVITIES:				
Acquisition of fixed assets	(2,371)		(3,851)	
Proceeds from sale of fixed assets	9,152		76	
Proceeds on note receivable	500		700	
Other, net	465		(18)	
Net cash provided (used) by investing activities	 7,746		(3,093)	
CASH FLOWS FROM FINANCING ACTIVITIES:				
Borrowings under revolving loan agreement	78,142		56,463	
Repayments of revolver loans	(73,192)		(58,497)	
Repayments of other long-term debt	(2,789)		(411)	
Payments of withholding taxes on stock compensation	 (487)		(224)	
Net cash provided (used) by financing activities	 1,674		(2,669)	
Effect of exchange rate changes on cash	 (1,712)		1,653	
Net change in cash	485		906	
Cash:				
Beginning of period	12,340		10,688	
Degining of period	 12,5 10		10,000	
End of period	\$ 12,825	\$	11,594	

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