FORM 4

# **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person*  SIMMONS HAROLD C  (Last) (First) (Middle)  5430 LBJ FREEWAY, SUITE 1700  (Street)  DALLAS TX 75240		2. Issuer Name and TVALHI INC /D 3. Date of Earliest Tra 06/16/2011 4. If Amendment, Date	E/[VI	HI]	nth/Day/Year)		·) (	(Chec	k all applicable)  Director  Officer (give title below)  Chairman  ividual or Joint/Grou	X 10% Othe belov of the Board up Filing (Check e Reporting Pe	Other (specify below)  f the Board  Filing (Check Applicable  Reporting Person	
(City) (State) (Zip)								X	Form filed by Mo Person	re than One Re	eporting	
1. Title of Security (Instr. 3)	Non-Deriva  Transaction ate Month/Day/Yea	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transac Code (Ir 8)	tion	4. Securities Disposed Of 5)	Acquire f (D) (Ins	ed (A) or 5. A Sec Ber Own Fol		Owned  5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code	v	Amount	(A) or (D)	Price		Transaction(s) (Instr. 3 and 4)			
Common Stock, \$0.01 par value per share	06/16/2011		<b>P</b> <sup>(1)</sup>	V	527	A	\$40.8	999	0	I	by Kronos <sup>(2)</sup>	
Common Stock, \$0.01 par value per share	06/16/2011		<b>P</b> (1)	v	100	A	\$41	.9	0	I	by Kronos <sup>(2)</sup>	
Common Stock, \$0.01 par value per share	06/16/2011		<b>P</b> <sup>(1)</sup>	v	4,373	A	\$41.8	999	0	I	by Kronos <sup>(2)</sup>	
Common Stock, \$0.01 par value per share	06/16/2011		P <sup>(1)</sup>	v	5,300	A	\$42	.5	0	I	by Kronos <sup>(2)</sup>	
Common Stock, \$0.01 par value per share	06/16/2011		P <sup>(1)</sup>	v	5,001	A	\$4:	3	0	I	by Kronos <sup>(2)</sup>	
Common Stock, \$0.01 par value per share	06/16/2011		P <sup>(1)</sup>	v	300	A	\$43.	15	0	I	by Kronos <sup>(2)</sup>	
Common Stock, \$0.01 par value per share	06/16/2011		<b>P</b> <sup>(1)</sup>	v	3,150	A	\$43	.3	0	I	by Kronos <sup>(2)</sup>	
Common Stock, \$0.01 par value per share									104,813,316	I	by VHC <sup>(3)</sup>	
Common Stock, \$0.01 par value per share									1,442,428	I	by TFMC <sup>(4)</sup>	
Common Stock, \$0.01 par value per share									380,216	D		
Common Stock, \$0.01 par value per share									366,847	I	by CDCT <sup>(5)</sup>	
Common Stock, \$0.01 par value per share									219,796	I	by Spouse <sup>(6)</sup>	
Common Stock, \$0.01 par value per share									25,915	I	by Contran <sup>(7)</sup>	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)													
1. Title of Derivative Security (Instr. 3)	vative Conversion Date rity or Exercise (Month/Day/Y		3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr.		5. Number of			cisable and Date	7. Title Amou Securi Under Deriva	e and nt of ities lying itive ity (Instr.	8. Price of Derivative Security (Instr. 5)	
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
1	nd Address o	f Reporting Person	*										
(Last) 5430 LB		(First)	(Middle)										
(Street)	S	TX	75240										
(City)		(State)	(Zip)										
1	nd Address o	f Reporting Person	•										
(Last) 5430 LB		(First) Y, SUITE 1700	(Middle)										
(Street)	S	TX	75240										
(City)		(State)	(Zip)										
l	nd Address o	f Reporting Person	•										
(Last) 5430 LB		(First)	(Middle)										
(Street)	S	TX	75240										
(City)		(State)	(Zip)										
1		f Reporting Person		<u>C</u>									
(Last) 5430 LB		(First) .Y, SUITE 1700	(Middle)										
(Street)	S	TX	75240										
(City)		(State)	(Zip)										
					_								

### **Explanation of Responses:**

- 1. See the Description of this Transaction attached as Exhibit 99.1 to this statment.
- 2. Beneficially owned by Kronos Worldwide, Inc. See the Additional Information filed as Exhibit 99.2 to this statement for a description of the relationships to the persons joining in this filing.
- 3. Directly held by Valhi Holding Company. See the Additional Information filed as Exhibit 99.2 to this statement for a description of the relationships to the persons joining in this filing.
- 4. Directly held by TIMET Finance Management Company. See the Additional Information filed as Exhibit 99.2 to this statement for a description of the relationships to the persons joining in this filing.
- 5. Directly held by the Contran Amended and Restated Deferred Compensation Trust. See the Additional Information filed as Exhibit 99.2 to this statement for a description of the relationships to the persons joining in this filing.

9. Number of

derivative

Securities

Following

Reported

(Instr. 4)

Transaction(s)

Owned

Beneficially

10.

Ownership

Form: Direct (D)

or Indirect

(I) (Instr.

11. Nature

of Indirect

Beneficial

Ownership

(Instr. 4)

- 6. Directly held by the reporting person's wife. Mr. Simmons disclaims beneficial ownership of any shares of the issuer's common stock that his wife holds. See the Additional Information filed as Exhibit 99.2 to this statement for a description of the relationships to the persons joining in this filing.
- 7. Directly held by Contran Corporation. See the Additional Information filed as Exhibit 99.2 to this statement for a description of the relationships to the persons joining in this filing.

#### Remarks:

Exhibit Index Exhibit 99.1 Description of Transaction Exhibit 99.2 Additional Information

A. Andrew R. Louis, Attorneyin-fact, for Harold C. Simmons

A. Andrew R. Louis, Secretary
for Contran Corporation

A. Andrew R. Louis, Secretary
for Valhi Holding Company

A. Andrew R. Louis, Secretary
for Dixie Rice Agricultural
Corporation, Inc.

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- $^{\star}$  If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

Exhibit 99.1

Description of the Transaction

Kronos Worldwide, Inc. ("Kronos Worldwide") purchased these shares in the open market. The issuer directly holds 50.0% of the outstanding shares of Kronos Worldwide common stock. See the Additional Information filed as Exhibit 99.2 to this statement for additional relationships that Kronos Worldwide and the issuer have to the persons joining in this filing.

Since Kronos Worldwide is a majority owned subsidiary of the issuer and pursuant to Delaware law and Section 13(d)(4) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), the issuer treats the shares of its common stock that Kronos Worldwide holds as treasury stock. Accordingly, there is no beneficial ownership or reporting obligation under Section 16 of the Exchange Act for purchases or holdings of the shares of the issuer's common stock by Kronos Worldwide. As a result, this Form 4 is a voluntary report. Each share of the issuer's common stock purchased by Kronos Worldwide reduces by one share the outstanding shares of the issuer's common stock.

# Exhibit 99.2

### Additional Information

The following persons directly hold the following percentages of the outstanding shares of common stock of the issuer, Valhi, Inc. ("Valhi"):
outstanding shares of common stock of the issuer, vaini, inc. ("vaini"):
Valhi Holding Company ("VHC")92.7%
TIMET Finance Management Company ("TFMC")
Harold Simmons Foundation, Inc. (the "Foundation")0.8%
Contran Amended and Restated Deferred Compensation
Trust ("CDCT")0.3%
Harold C. Simmons0.3%
Annette C. Simmons0.2%
The Combined Master Retirement Trust ("CMRT")0.1%
The Annette Simmons Grandchildren's Trust
(the "Grandchildren's Trust")less than 0.1%
Contran Corporation ("Contran")less than 0.1%
Titanium Metals Corporation ("TIMET") is the sole stockholder of TFMC.
The following persons directly hold the following percentages of the
outstanding shares of common stock of Kronos Worldwide, Inc. ("Kronos"):
Valhi50.0%
Valhi
NL Industries, Inc. ("NL")30.4%
NL Industries, Inc. ("NL")
NL Industries, Inc. ("NL")       .30.4%         Harold C. Simmons       .0.4%         TFMC       .0.3%
NL Industries, Inc. ("NL")       30.4%         Harold C. Simmons       0.4%         TFMC       0.3%         Annette C. Simmons       0.1%
NL Industries, Inc. ("NL")       .30.4%         Harold C. Simmons       .0.4%         TFMC       .0.3%         Annette C. Simmons       .0.1%         Contran       .less than 0.1%
NL Industries, Inc. ("NL")
NL Industries, Inc. ("NL")

Harold C. Simmons		
Kronos		
Contran		
NL		
Valhi		
Foundationless	than	0.1%
Grandchildren's Trustless	than	0.1%

NL's percentage ownership of TIMET common stock includes 0.3% directly held by a subsidiary of NL.

The following persons directly hold the following percentages of the outstanding shares of common stock of NL:

Valhi83.0%	
Harold C. Simmons2.2%	
Annette C. Simmons	
TFMC	
Kronosless	than 0.1%

Dixie Rice Agricultural Corporation, Inc. ("Dixie Rice") is the direct holder of 100% of the outstanding shares of common stock of VHC. Contran is the holder of 100% of the outstanding shares of common stock of Dixie Rice.

Substantially all of Contran's outstanding voting stock is held by trusts established for the benefit of certain children and grandchildren of Harold C. Simmons (the "Trusts"), of which Mr. Simmons is the sole trustee, or is held by Mr. Simmons or persons or other entities related to Mr. Simmons. As sole trustee of each of the Trusts, Mr. Simmons has the power to vote and direct the disposition of the shares of Contran stock held by each of the Trusts. Mr. Simmons, however, disclaims beneficial ownership of any shares of Contran stock that the Trusts hold.

The Foundation is a tax-exempt foundation organized for charitable purposes. Harold C. Simmons is the chairman of the board of the Foundation and may be deemed to control the Foundation.

Contran sponsors the CMRT as a trust to permit the collective investment by master trusts that maintain the assets of certain employee benefit plans Contran and related companies adopt. Mr. Simmons is the sole trustee of the CMRT and a member of the trust investment committee for the CMRT. Mr. Simmons is a participant in one or more of the employee benefit plans that invest through the CMRT.

U.S. Bank National Association serves as the trustee of the CDCT. Contran established the CDCT as an irrevocable "rabbi trust" to assist Contran in meeting certain deferred compensation obligations that it owes to Harold C. Simmons. If the CDCT assets are insufficient to satisfy such obligations, Contran is obligated to satisfy the balance of such obligations as they come due. Pursuant to the terms of the CDCT, Contran (i) retains the power to vote the shares of the issuer's common stock held directly by the CDCT, (ii) retains dispositive power over such shares and (iii) may be deemed the indirect beneficial owner of such shares.

Mr. Harold C. Simmons is chairman of the board of Kronos, Valhi, TIMET, VHC, Dixie Rice and Contran, and chairman of the board and chief executive officer of NL.

By virtue of the offices held, the stock ownership and his services as trustee, all as described above, (a) Mr. Simmons may be deemed to control certain of such entities and (b) Mr. Simmons and certain of such entities may be deemed to possess indirect beneficial ownership of, and a pecuniary interest in, shares of common stock directly held by certain of such other entities. However, Mr. Simmons disclaims such beneficial ownership of, and such pecuniary interest in, such shares beneficially owned, directly or indirectly, by any of such entities, except to the extent of his vested beneficial interest, if any, in the shares the CDCT and the CMRT hold directly.

The reporting person understands that NL, a subsidiary of NL and Kronos directly own 3,604,790 shares, 1,186,200 shares and 574,972 shares, respectively, of Valhi common stock as of the date of this statement. As already stated, Valhi is the direct holder of approximately 83.0% of the outstanding shares of common stock of NL and 50.0% of the outstanding shares of Kronos common stock. As a result of Valhi's direct and indirect ownership of NL, its subsidiary and Kronos, the reporting person further understands that, pursuant

to Delaware law, Valhi treats the shares of Valhi common stock that NL, its subsidiary and Kronos own as treasury stock for voting purposes. For the purposes of this statement, such shares of Valhi common stock that NL, its subsidiary and Kronos hold directly are not deemed outstanding.

Annette C. Simmons is the wife of Harold C. Simmons. Mr. Simmons may be deemed to share indirect beneficial ownership of the shares that his wife holds directly. Mr. Simmons disclaims beneficial ownership of all securities that his wife holds directly. Mrs. Simmons disclaims beneficial ownership of all shares she does not hold directly.

The Grandchildren's Trust is a trust of which Harold C. Simmons and his wife are trustees and the beneficiaries are the grandchildren of his wife. Mr. Simmons, as co-trustee of this trust, has the power to vote and direct the disposition of the shares of Valhi common stock the trust holds. Mr. Simmons disclaims beneficial ownership of any shares that this trust holds.