American Railcar Industries, Inc./DE Form SC 13G August 08, 2008

> UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

SCHEDULE 13G Under the Securities and Exchange Act of 1934 (Amendment No. _____)

American Railcar Industries, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

02916P103

(CUSIP Number)

July 31, 2008

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[X]	Rule	13d-1	(b)
[]	Rule	13d-1	(C)
[]	Rule	13d-1	(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act, but shall be subject to all other provisions of the Act (however, see the Notes.)

CUSIP NO. 02916P103 13G

1 Name of Reporting Person / IRS Identification Number: Advisory Research, Inc. / 36-2831881

2 Check the Appropriate Box if a Member of a Group (a) [] (See Instructions) (b) [] 3 SEC Use Only

_____ Number of 5 Sole Voting Power Shares 2187111 Shares _____ Beneficially 6 Shared Voting Power 0 Shares Owned By _____ Each 7 Sole Dispositive Power Reporting 2187111 Shares _____ Person 8 Shared Dispositive Power With 0 Shares _____ _____ 9 Aggregate Amount Beneficially Owned by Each Reporting Person 2187111 Shares _____ 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares [] (See Instructions) _____ 11 Percent of Class Represented by Amount in Row (9) 10.267% _____ 12 Type of Reporting Person IΑ _____ Item 1 (a) Name of Issuer: American Railcar Industries, Inc. Item 1 (b) Name of Issuer's Principal Executive Offices: 100 Clark Street St. Charles, MO 63301 Item 2(a) Person Filing: Advisory Research, Inc.Item 2(b) Address: 180 North Stetson St., Suite 5500 Chicago, IL 60601 Item 2 (c) Citizenship: Advisory Research, Inc. is a Delaware Corporation (d) Title of Class of Securities: Common Stock Item 2 Item 2 (e) CUSIP Number: 02916P103 Item 3 If this statement is filed pursuant to Rules 13d-1(b) or 13d-2(b), check whether the person filing is a: (a) [] Broker or Dealer registered under Section

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Citizenship or Place of Organization

4

Delaware

15 of the Act

- (b) [] Bank as defined in Section 3(a)(6) of the Act
- (c) [] Insurance Company as defined in Section 3(a)(19) of the Act
- (d) [] Investment Company registered under Section 8 of the Investment Company Act
- (e) [X] Investment Advisor in accordance with section 240.13d-1(b)(1)(ii)(E)

- (h) [] A savings association as defined in section 3(b) of the Federal Deposit Insurance Act
- (i) [] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940

Item 4 Ownership

- (a) Amount Beneficially Owned: Advisory Research, Inc. 2187111 Shares
- (b) Percent of Class 10.267%
- (c) Number of shares as to which reporting person has:
 (i) Sole Voting Power 2187111 Shares
 (ii) Shared Voting Power 0 Shares
 (iii) Sole Dispositive Power 2187111 Shares
 (iv) Shared Dispositive Power 0 Shares
- Item 5 Ownership of Five Percent or Less of a Class: If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following []
- Item 6 Ownership of More than Five Percent on Behalf of Another Person: Not Applicable
- Item 7 Identification and Classification of the Subsidiary Which Acquired the Security being Reported on by the Parent Holding Company: Not Applicable
- Item 8 Identification and Classification if Members of the Group: Not Applicable
- Item 9 Notice of Dissolution of Group: Not Applicable

Item 10 Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of such securities and were not acquired and are not held in connection with or as a participant in any transaction having such purposes or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

08/08/2008

Date

/s/ Brien M. O'Brien

Signature

Brien M. O'Brien, Chairman & CEO

Name/Title