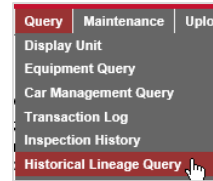


Railinc’s Umler system provides a way for users to query the lineage of a piece of rail equipment. Anyone with “Umler Access for Query” permissions can perform this query. See **Additional Resources** below.

Use this procedure to query the historical lineage of a piece of equipment:



1. Sign in to Launch Pad and navigate to **Umler**.
2. From the Umler menu bar, select **Query > Historical Lineage Query**.
3. On the Historical Lineage Query screen, enter either a *single* **Equipment ID** or a *single* **EIN**. If you enter both an Equipment ID and an EIN, the system searches for the Equipment ID only.
4. On the Historical Lineage Query Results screen, review the equipment information. Here are some tips about the results:
  - Typically, sorting results by Effective Date is most useful.
  - Selecting the EIN or Equipment ID link causes another historical lineage query to run with the selected value.

Historical Lineage Query Results													
Search Criteria		Search Results											
5 items found, displaying all items.													
EIN	Equipment ID	Prior Equipment ID	Equip Group	ETC	MD	Built Date	Rebuilt Date	Effective Date	Status	Expiration Date	Most Recent	Conflict	Action
<a href="#">0010151489</a>	<a href="#">RAIL77565</a>	<a href="#">RAIL32118</a>	TANK	T178	T	01/07/2016		2016-09-22 09:46:59.241	Pre-Registered	9999-12-31 00:00:00.0			Add Restencil
<a href="#">0010151489</a>	<a href="#">RAIL32118</a>		TANK	T178	T	01/07/2016		2016-01-28 09:11:29.443	Active	9999-12-31 00:00:00.0	Y		OTHER
<a href="#">0010151489</a>	<a href="#">RAIL32118</a>		TANK	T178	T	12/07/2015		2016-01-28 09:10:01.64	Pre-Registered	2016-01-28 09:11:29.469			Add Back
<a href="#">0010151489</a>	<a href="#">RAIL32118</a>		TANK	T178	T	12/07/2015		2016-01-20 09:53:51.695	Deleted	2016-01-28 09:10:01.64			Delete
<a href="#">0010151489</a>	<a href="#">RAIL32118</a>		TANK	T178	T	12/07/2015		2015-12-07 20:32:41.721	Pre-Registered	2016-01-20 09:53:51.693			Add Single Clone

- Only equipment owners can see confidential data values, otherwise the value is marked “Confidential”.
- Equipment Group, ETC (Equipment Type Code), MD (Mechanical Designation), Built Date, and Rebuilt Date are pulled from the Umler record *at the time of the transaction*.
- Effective Date shows when the action occurred.
- Status indicates the equipment’s status at the time between the Effective and Expiration Dates.
- Expiration Date shows when that row was no longer in its indicated status. The Expiration Date is set when a more-recent transaction for that EIN occurs, causing the status of that Equipment ID to change. Expiration Date value “9999-12-31” indicates the current status for that specific Equipment ID.
- Most Recent value “Y” indicates the EIN’s most-current status. This is only displayed on equipment with a status of Active, Inactive or Deleted.
- A Conflict value indicates that the equipment’s lineage is not following business rules. For example, when two pieces of equipment with the same EIN are in Active status.
- Action shows what caused the row to change. Action value “OTHER” indicates a user-generated record update (e.g., changing status or updating the Built Date).

### Additional Resources

The following additional resources are available for Company Administrators:

- Consult the [Umler Data Specification Manual](#) for information data field definitions and business rules.
- Consult the [Single Sign On \(SSO\) Administrator Guide](#) for information on how company administrators manage user’s permissions in SSO.
- Consult the [Umler Managing Access Rights Quick Guide](#) for information on how company administrators manage user’s access rights.
- Access the [Umler Reference Material page](#) to access other essential resources for using the Umler system.

Contact the Railinc Customer Success Center at 1-877-RAILINC (1-877-724-5462) or [csc@railinc.com](mailto:csc@railinc.com) if you need assistance.