



*856 Advance Ship Notice  
EDI Implementation Guide*

**Revision 2.0**

March 2010  
edi-team@behrgroup.com

# Behr Group

## *856 Advanced Ship Notice EDI Implementation Guide*

### 856 Advance Ship Notice

#### 1 Introduction

These guidelines include information about the message and the specifications for the information contained in it.

#### 2 Transactions Standard

The standard for ANSI messages used by Behr is ANSI ASC X.12, Version Release 004010.

#### 3 Transaction Frequency

A supplier to Behr should send an ASN immediately after the truck leaving the facility. Upon receipt of the ASN, we will transmit a corresponding 997 (Functional Acknowledgement). 824 will be submitted if there are problems.

#### 4 Envelope data and communication network

Data communication with the trading partner is done through a VAN or OFTP via ISDN. The messages will use ISA/ IEA envelope structure.

---

Heat up. Cool down.

**BEHR**

## 5 Segments list

The message to be sent consists of the following data segments:

- 5.1 ISA – Interchange Control Header
- 5.2 GS – Functional Group Header
- 5.3 ST – Transaction Set Header
- 5.4 BSN – Beginning Segment for Ship Notice
- 5.5 DTM – Date/Time Reference
- 5.6 HL – Hierarchical Level
- 5.7 MEA – Measurements
- 5.8 TD5 – Carrier Details (Routing Sequence)
- 5.9 TD3 - Carrier Details (Equipment)
- 5.10 REF – Reference Numbers
- 5.11 N1 – Name
- 5.12 HL – Hierarchical Level
- 5.13 LIN – Item Identification
- 5.14 SN1 – Item Detail
- 5.15 CLD – Load Detail
- 5.16 REF – Reference Numbers
- 5.17 CTT – Transaction Totals
- 5.18 SE – Transaction Set Trailer
- 5.19 GE – Functional Group Trailer
- 5.20 IEA – Interchange Control Trailer

## 6 856 Advance Ship Notice Examples

### **Revisions from previous versions**

- Customer specific packaging information is required and the CLD is mandatory.
- The returnable container data (LIN RC) is mandatory.

---

Heat up. Cool down.

**BEHR**

## 5.1 ISA – Interchange Control Header

- Level: Transmission
- Usage: Mandatory
- Purpose: To start and identify an interchange of one or more functional groups and interchange related control segments.

Pos	Seg	Name	Req	Max	Loop
000	ISA	Interchange Control Header	M	1	

Seq	Elem	Name	Req	Max	Loop
01	I01	Authorization Information Qualifier <i>Use 00</i>	M		ID 2/2
02	I02	Authorization Information <i>Use ten spaces</i>	M	AN	10/10
03	I03	Security Information Qualifier <i>Use 00</i>	M		ID 2/2
04	I04	Security Information <i>Use ten spaces</i>	M	AN	10/10
05	I05	Interchange ID qualifier <i>Use 01 for Duns, ZZ for mutually defined</i>	M		ID 2/2
06	I06	Interchange Sender ID <i>Duns or mutually defined number, left justified</i>	M	AN	15/15
07	I07	Interchange ID qualifier <i>Use 01 for Duns numbers, ZZ for mutually defined</i>	M		ID 2/2
08	I08	Interchange Receiver ID <i>Duns or mutually defined number, left justified</i>	M	AN	15/15
09	I09	Interchange Date <i>Transmission/Creation Date = YYMMDD</i>	M		DT 6/6
10	I10	Interchange Time <i>Transmission/Creation Time</i>	M		TM 4/4
11	I11	Interchange Control Standards Identifier <i>Use U for USA</i>	M		ID 1/1
12	I12	Interchange Control Version Number <i>00401</i>	M		ID 5/5
13	I13	Interchange Control Number <i>Control number. Not repeated within one year.</i>	M		N0 9/9
14	I14	Acknowledgement Requested	M		ID 1/1
15	I15	Test Indicator <i>Use P for Production</i>	M		ID 1/1
16	I16	Sub Element separator	M		ID 1/1

### Example:

```
ISA*00*          *00*          *01*VENDORDUN      *ZZ*BEHRCODE      *100315*0848*U*00401*070117589*1*P*:
```

Heat up. Cool down.

**BEHR**

## 5.2 GS – Functional Group Header

**Level:** Header

**Usage:** Mandatory

**Purpose:** To start and identify a group of related transaction sets and provide control and application identification information

<b>Pos</b>	<b>Seg</b>	<b>Name</b>	<b>Req</b>	<b>Max</b>	<b>Loop</b>
005	GS	Functional Group Header	M	1	

  

<b>Seq</b>	<b>Elem</b>	<b>Name</b>	<b>Attributes</b>		
01	479	Functional Identifier Code <i>Use SH</i>	M	ID	2/2
02	142	Application Sender's Code <i>Senders Interchange code</i>	M	AN	2/15
03	124	Application Receiver's Code <i>Receivers Interchange Code</i>	M	AN	2/15
04	373	Data interchange Date <i>Creation/Transmission Date = CCYYMMDD</i>	M	DT	8/8
05	337	Data Interchange Time <i>Creation/Transmission Time</i>	M	TM	4/8
06	28	Interchange Control Number <i>Starts on 1 and increments by one for new loop</i>	M	N0	1/9
07	455	Responsible Agency <i>X for ANSI ASC X.12 Format</i>	M	ID	1/2
08	480	Version/Release number <i>004010</i>	M	ID	1/12

**Example:**

GS\*SH\*VENDORUN\*BEHRCODE \*20100315\*0848\*1\*X\*004010

Heat up. Cool down.

**BEHR**

### 5.3 ST – Transaction Set Header

Level: Header

Usage: Mandatory

Purpose: To indicate a start of a transaction set and to assign a control number

<i>Pos</i>	<i>Seg</i>	<i>Name</i>	<i>Req</i>	<i>Max</i>	<i>Loop</i>
010	ST	Transaction Set Header	M	1	

<i>Seq</i>	<i>Elem</i>	<i>Name</i>	<i>Used</i>	<i>Attributes</i>		
01	143	Transaction Set Identifier Code	Y	M	ID	3/3
02	329	Transaction Set Control number Must match the Transaction set control number Contained in the SE02 segment	Y	M	AN	4/9

**Example:**

ST\*856\*70117590

Heat up. Cool down.

**BEHR**

### 5.4 BSN – Beginning segment for Ship Notice

Level: Header

Usage: Mandatory

Purpose: To indicate the beginning of an Advance Ship Notice transaction set and to transmit identifying numbers, dates and other basic data relating to the transaction set.

Pos	Seg	Name	Req	Max	Loop
020	BSN	Beginning Segment for Planning Schedule	M	1	

  

Seq	Elem	Name	Used	Attributes
01	353	Transaction Set Purpose Code <i>00 = Original No cancellation code possible</i>	Y	M ID 2/2
02	396	Shipment Identification <i>A unique supplier assigned number that will not be repeated within a one-year period.</i>	Y	M AN 2/30
03	373	Date <i>Date when the message is created (CCYYMMDD)</i>	Y	M DT 8/8
04	337	Time <i>Time is in 24 hour time format HHMMSS.</i>	Y	M TM 4/6

**Example:**

BSN\*00\*2074842\*20100315\*084833

Note: Behr does not support any automatic cancellation of already submitted ASNs. In case of errors, rejections or 824 notifications please contact the appropriate BEHR receiving dock personnel or logistics analyst immediately to obtain further directions on how to react.

Heat up. Cool down.

**BEHR**

## 5.5 DTM – Date/Time Reference

Level: Detail  
 Usage: Mandatory  
 Purpose: To specify pertinent dates and times

Pos	Seg	Name	Req	Max	Loop
030	DTM	Date/Time Reference	M	1	25

Seq	Elem	Name	Used	Attributes		
01	374	Date/Time Qualifier <i>011 = Shipped</i> <i>017 = Estimated Arrival Date</i>	Y	M	ID	3/3
02	373	Date <i>Date coded =CCYYMMDD</i>	Y	M	DT	8/8
03	337	Time (24 Hour Format HHMMSS)	Y	M	TM	4/6

### Example:

DTM\*011\*20100315\*084333

**DTM\*017\*20100316\*120000**

The ship date is mandatory. The estimated arrival date should be sent if possible.

Heat up. Cool down.

**BEHR**



## 5.6 HL – Hierarchical Level

Level: Detail – Shipment

Usage: Mandatory

Purpose: To identify dependencies among the content of hierarchically related groups of data segments

Pos	Seg	Name	Req	Max	Loop
050	HL	Hierarchical Level	M	1	200000

Seq	Elem	Name	Used	Attributes
1	628	Hierarchical ID number <i>1 for this occurrence</i>	Y	M AN 1/12
2	734	Hierarchical Parent ID Number <i>Not used for this level</i>	N	O AN 1/12
3	735	Hierarchical Level Code <i>S=Shipment</i>	Y	M ID 1/2
4	736	Hierarchical Child Code <i>Not used for this level</i>	N	O ID 1/1

**Example:**

HL\*1\*\*S

Heat up. Cool down.

**BEHR**

## 5.7 MEA – Measurements

Level: Detail – Shipment

Usage: Mandatory

Purpose: To specify physical measurements, including dimensions, tolerances, weights and counts.

Pos	Seg	Name	Req	Max	Loop
120	MEA	Measurements	O	40	HL

  

Seq	Elem	Name	Used	Attributes		
1	737	Measurement Reference ID Code <i>PD = Physical Dimensions</i>	Y	O	ID	2/2
2	738	Measurement Qualifier <i>G=Gross weight</i> <i>N=Net weight</i>	Y	O	ID	1/3
3	739	Measurement Value <i>Weights</i>	Y	C	R	1/20
4	355	Unit of Measure Code <i>KG = Kilogram</i> <i>LB = Pound</i>	Y	C	ID	2/2

**Example:**

MEA\*PD\*G\*15\*LB

MEA\*PD\*N\*9\*LB

Heat up. Cool down.

**BEHR**

## 5.8 TD5 – Carrier Details (Routing Sequence)

Level: Detail – Shipment

Loop: HL

Usage: Mandatory

Purpose: To specify the carrier, sequence of routing and to provide transit time information

Pos	Seg	Name	Req	Max	Loop
160	TD5	Carrier Details	O	12	HL

Seq	Elem	Name	Used	Attributes
1	133	Routing sequence code <i>B=Origin/Delivery Carrier (Any Mode)</i>	Y	O ID 1/2
2	66	Identification Code Qualifier <i>2=Standard Carrier Alpha Code (SCAC)</i>	Y	C ID 1/2
3	67	Identification Code <i>SCAC of Delivering Carrier</i>	Y	C ID 2/17
4	91	Transportation Method/Type Code <i>A = Air</i> <i>LT = Less Than Truck</i> <i>M = Motor</i> <i>R = Rail</i> <i>S = Sea/ Ocean</i>	Y	C ID 1/2

### Example:

TD5\*B\*2\*FDEG\*LT

Heat up. Cool down.

**BEHR**

## 5.9 TD3 – Carrier Details (Equipment)

Level: Detail – Shipment

Loop: HL

Usage: Mandatory

Purpose: To specify transportation details relating to the equipment used by the carrier

Pos	Seg	Name	Req	Max	Loop
170	TD3	Carrier Details	O	12	HL

Seq	Elem	Name	Used	Attributes		
1	40	Equipment Description Code TL=Trailer load	Y	M	ID	2/2
2	206	Equipment Initial	N	O	AN	1/4
3	207	Equipment Number <i>Trailer Number, PRO Number or Air Bill Number/ Tracking Number.</i>	Y	C	AN	1/10

**Example:**

TD3\*TL\*\*001

Heat up. Cool down.

**BEHR**

## 5.10 REF – Reference Numbers

Level: Detail – Shipment

Loop: HL

Usage: Mandatory

Purpose: To specify identifying numbers

Pos	Seg	Name	Req	Max	Loop
200	REF	Reference Numbers	M	200	HL

Seq	Elem	Name	Used	Attributes		
1	128	Reference Number Qualifier <i>BM=Bill of Lading Number</i> <i>PK=Packing Slip Number</i> <i>SI=Shipping ID</i>	Y	M	ID	2/2
2	127	Reference Number	Y	M	AN	1/20
3	352	Description	N	C	AN	1/80

**Example:**

REF\*BM\*2074842

REF\*PK\*2074842

Note: Both the packing slip and bill of lading segments are required in the 856 message to Behr.

Heat up. Cool down.

**BEHR**

### ○ 5.11 N1 – Name

Level: Header  
 Loop: HL/N1  
 Usage: Mandatory  
 Purpose: To identify a party by type of organization name and code

Pos	Seg	Name	Req	Max	Loop
420	N1	Name	M	1	200

Seq	Elem	Name	Used	Attributes		
01	98	Entity Identifier Code <i>MI = Behr Plant number</i> <i>SU = Supplier (Ordering Address)</i> <i>ST = Ship-to: Unloading Point at Behr Plant</i> <i>SF = Ship From (see notes below)</i>	Y	M	ID	2/3
02	93	Name <i>Organization name</i>	Y	O	AN	1/60
03	66	Identification Code Qualifier <i>"92" = Assigned by the Buyer</i>	Y	M	ID	1/2
04	67	Identification Code <i>Customer plant code or Supplier number</i>	Y	M	AN	2/80

#### Example:

```
N1*MI*BEHR*92*1623
N1*ST*BEHR*92*G1234
N1*SF*SUPPLIER*92*21001234
N1*SU*SUPPLIER*92*21001234
```

#### Notes:

The N1\*MI segment represents the Behr Plant and the N1\*ST represents the Unloading Point of the plant being shipped to.

The N1\*SU is Behr's "ordering address" which is the supplier code in our system. (Not your DUNS number!).

The N1\*SF is the Behr supplier code identifying your particular plant that the material should be shipped from.

For small suppliers both SU and SF may be the same. For larger suppliers there may be several different SF numbers for various locations.

All four of these N1 segments should be returned to Behr in the 856 exactly as they were sent to you in the 830 messages that you receive.

Please ask your Logistics Analyst or Buyer contact at the Behr plant for further information as well to obtain a list of all Behr unloading points with name/address information.

Heat up. Cool down.

**BEHR**

## ○ 5.12 HL – Hierarchical Level

Level: Detail – Item

Usage: Mandatory

Purpose: To identify dependencies among the content of hierarchically related groups of data segments

<b>Pos</b>	<b>Seg</b>	<b>Name</b>	<b>Req</b>	<b>Max</b>	<b>Loop</b>
650	HL	Hierarchical Level	M	1	200000

<b>Seq</b>	<b>Elem</b>	<b>Name</b>	<b>Used</b>	<b>Attributes</b>		
1	628	Hierarchical ID number <i>Increment by one from last HL lever</i>	Y	M	AN	1/12
2	734	Hierarchical Parent ID Number <i>HL level of parent HL</i>	Y	O	AN	1/12
3	735	Hierarchical Level Code <i>I = Item</i>	Y	M	ID	1/2
4	736	Hierarchical Child Code	N	O	ID	1/1

**Example:**

HL\*2\*1\*1

Heat up. Cool down.

**BEHR**

### ○ 5.13 LIN – Item Identification

Level: Detail – Item

Usage: Mandatory

Purpose: To specify basic item identification data

Pos	Seg	Name	Req	Max	Loop
660	LIN	Item Identification	M	1	1

Seq	Elem	Name	Used	Attributes		
01	350	Assigned Identification	N	O	AN	1/20
02	235	Product/Service ID Qualifier <i>BP = Buyers part number</i>	Y	M	ID	2/2
		<i>RC = Returnable Container Number or Code</i>				
03	234	Product/Service ID <i>Product Part number</i>	Y	M	AN	1/48
04	235	Product/Service ID Qualifier <i>PO = Purchase Order number</i>	Y	C	ID	2/2

**Example:**

```
LIN**BP*M2082001*PO*5500017687*VP*50469101
LIN**RC*BT05371
```

**Revisions from previous version:**

The LIN RC segment is mandatory. This segment should follow the associated LIN BP Loop.

Heat up. Cool down.

**BEHR**



○ 5.14 SN1 – Item Detail

Level: Detail – Item

Usage: Mandatory

Purpose: To specify line item detail relative to shipment

Pos	Seg	Name	Req	Max	Loop
670	SN1	Item Detail	M	1	HL

Seq	Elem	Name	Used	Attributes		
01	350	Assigned Identification	N	O	AN	1/20
02	382	Number of Units Shipped	Y	M	R	1/10
03	355	Unit of Measure Code	Y	M	ID	2/2
		<i>LB = Pounds</i>				
		<i>PC = Pieces</i>				
		<i>EA = Each</i>				
		<i>KG = Kilogram</i>				
04	646	Quantity Shipped to Date	Y	O	R	1/15
		<i>Cumulative quantity shipped to-date</i>				

**Example:**

SN1\*\*2700\*EA\*44550

SN1\*\*2\*PC

Note:

The Quantity Shipped to Date is not needed for the SN1 within the LIN RC loop.

Heat up. Cool down.

**BEHR**

- 5.15 CLD – Load Detail

Level: Detail – Item

Loop: HL/CLD

Usage: Mandatory

Purpose: To specify shipment and/or receipt information

Pos	Seg	Name	Req	Max	Loop
940	CLD	Load Detail	M	1	200

Seq	Elem	Name	Used	Attributes		
01	622	Number of Loads <i>Number of containers</i>	Y	M	N0	1/5
02	382	Number of Units Shipped <i>Total Quantity per container</i>	Y	M	R	1/10
03	103	Packaging Code <i>CON = Container</i>	Y	O	ID	5/5

**Example:**

CLD\*2\*1350\*CON

Note:

In the event that there are partial pallets being shipped then an extra CLD segment should be sent representing the partial pallet and its quantity.

Example:

CLD\*4\*336\*PLT94

CLD\*1\*180\*PLT94

Note:

The CLD is not needed for the LIN RC loop.

Heat up. Cool down.

**BEHR**

- 5.16 REF – Reference Numbers

Level: Detail – Shipment

Loop: HL

Usage: Optional

Purpose: To specify identifying numbers

Pos	Seg	Name	Req	Max	Loop
950	REF	Reference Numbers	O	200	HL

Seq	Elem	Name	Used	Attributes		
1	128	Reference Number Qualifier <i>LS = Bar Code Package ID Number Qualifier</i>	Y	M	ID	2/3
2	127	Reference Number <i>Serial number part of container label code</i>	Y	C	AN	1/30
3	352	Description	N	C	AN	1/80

**Example:**

REF\*LS\*23233

Heat up. Cool down.

**BEHR**

- 5.17 CTT – Transaction Totals

Level: Detail

Usage: Mandatory

Purpose: To transmit a hash total for a specific element in the transaction set

<i>Pos</i>	<i>Seg</i>	<i>Name</i>	<i>Req</i>	<i>Max</i>	<i>Loop</i>
1240	CTT	Transaction Totals	O	1	

<i>Seq</i>	<i>Elem</i>	<i>Name</i>	<i>Used</i>	<i>Attributes</i>		
01	354	Number of HL Segments	Y	M	N0	1/6

**Example:**

CTT\*3

Heat up. Cool down.

**BEHR**

- 5.18 SE – Transaction Set Trailer

Level: Detail

Usage: Mandatory

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Pos	Seg	Name	Req	Max	Loop
1250	SE	Transaction Set Trailer	M	1	

Seq	Elem	Name	Used	Attributes		
01	96	Number of Included Segments <i>Total number of segments included in a transaction set including ST and SE segments</i>	Y	M	N0	1/6
02	329	Transaction Set Control Number <i>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</i>	Y	M	AN	4/9

**Example:**

SE\*23\*70117590

Heat up. Cool down.

**BEHR**

- 5.19 GE – Functional Group Trailer

Level: Envelope

Usage: Mandatory

Purpose: To indicate the end of a functional group and to provide control information

<b>Pos</b>	<b>Seg</b>	<b>Name</b>	<b>Req</b>	<b>Max</b>	<b>Loop</b>
1500	GE	Functional Group Trailer	M	1	

<b>Seq</b>	<b>Elem</b>	<b>Name</b>	<b>Used</b>	<b>Attributes</b>		
01	97	Number of Transaction Sets Included	Y	M	N0	1/6
02	28	Data Interchange Control Number	Y	M	N0	1/9
		<i>Must be identical to the same data element in the associated group header (GS06)</i>				

**Example:**

GE\*1\*1

Heat up. Cool down.

**BEHR**

## ○ 5.20 IEA – Interchange Control Trailer

Level: Envelope

Usage: Mandatory

Purpose: To define the end of an interchange of one or more functional groups and interchange-related control segment.

<b>Pos</b>	<b>Seg</b>	<b>Name</b>	<b>Req</b>	<b>Max</b>	<b>Loop</b>
1600	IEA	Interchange Control Trailer	M	1	

<b>Seq</b>	<b>Elem</b>	<b>Name</b>	<b>Used</b>	<b>Attributes</b>		
01	I16	Number of Included Functional Groups	Y	M	NO	1/5
02	I12	Interchange Control Number <i>Must match ISA13</i>	Y	M	NO	9/9

**Example:**

IEA\*1\*070117589

Heat up. Cool down.

**BEHR**

## 856 Advance Ship Notice Examples

### ASN with one part, one returnable container.

ISA\*00\* \*00\* \*01\*VENDORDUN \*ZZ\*BEHRCODE \*100315\*0848\*U\*00401\*070117589\*1\*P\*:  
GS\*SH\*VENDORDUN\*BEHRCODE \*20100315\*0848\*1\*X\*004010  
ST\*856\*70117590  
BSN\*00\*2074842\*20100315\*084833  
DTM\*011\*20100315\*084333  
HL\*1\*\*S  
MEA\*PD\*G\*15\*LB  
MEA\*PD\*N\*9\*LB  
TD5\*B\*2\*FDEG\*LT  
TD3\*TL\*\*001  
REF\*BM\*2074842  
REF\*PK\*2074842  
N1\*MI\*BEHR\*92\*1623  
N1\*ST\*BEHR\*92\*G1234  
N1\*S\*SF\*SUPPLIER\*92\*21001234  
N1\*SU\*SUPPLIER\*92\*21001234  
HL\*2\*1\*I  
LIN\*\*BP\*M2082001\*PO\*5500017687  
SN1\*\*2700\*EA\*44550  
CLD\*2\*1350\*CON  
HL\*3\*1\*I  
LIN\*\*RC\*BT05371  
SN1\*\*2\*PC  
CTT\*3  
SE\*23\*70117590  
GE\*1\*1  
IEA\*1\*070117589

---

Heat up. Cool down.

**BEHR**



**ASN with multiple part numbers, multiple returnable containers**

ISA\*00\* \*00\* \*01\*VENDORDUN \*ZZ\*BEHRCODE \*100312\*1507\*U\*00401\*00000931\*0\*P\*>  
 GS\*SH\*VENDORDUN\*BEHRCODE\*20100312\*1507\*931\*X\*004010  
 ST\*856\*1153  
 BSN\*00\*3296285\*20100312\*1505  
 DTM\*011\*20100312\*1505  
 HL\*1\*\*S  
 MEA\*PD\*G\*1411\*LB  
 MEA\*PD\*N\*1101\*LB  
 TD5\*B\*2\*CWCE\*LT  
 TD3\*TL\*CWCE\*601209044  
 REF\*BM\*3296285  
 REF\*PK\*3296285  
 N1\*MI\*Behr\*92\*1623  
 N1\*ST\*Behr\*92\*G4711  
 N1\*SF\*Supplier\*92\*21001234  
 N1\*SU\*Supplier\*92\*21001234  
 HL\*2\*1\*I  
 LIN\*\*BP\*U5821002\*PO\*5500080913  
 SN1\*\*1920\*EA\*46080  
 CLD\*24\*80\*CTN90  
 REF\*LS\*1445567302  
 REF\*LS\*1445567486  
 REF\*LS\*1445567487  
 REF\*LS\*1445567488  
 REF\*LS\*1445567512  
 REF\*LS\*1445567513  
 REF\*LS\*1445567515  
 REF\*LS\*1445567516  
 REF\*LS\*1445567517  
 REF\*LS\*1445567518  
 REF\*LS\*1445567519  
 REF\*LS\*1445567520  
 REF\*LS\*1445567521  
 REF\*LS\*1445567646  
 REF\*LS\*1445567647  
 REF\*LS\*1445567648  
 REF\*LS\*1445567649  
 REF\*LS\*1445567650  
 REF\*LS\*1445567651  
 REF\*LS\*1445567652  
 REF\*LS\*1445567653  
 REF\*LS\*1445567654  
 REF\*LS\*1445567655  
 HL\*3\*1\*I  
 LIN\*\*RC\*BT05378  
 SN1\*\*24\*PC  
 HL\*4\*1\*I  
 LIN\*\*BP\*U5820002\*PO\*5500080912  
 SN1\*\*1920\*EA\*5760  
 CLD\*24\*80\*CTN90  
 REF\*LS\*1445557855  
 REF\*LS\*1445557857  
 REF\*LS\*1445557858  
 REF\*LS\*1445559066  
 REF\*LS\*1445563430  
 REF\*LS\*1445563431  
 REF\*LS\*1445563432  
 REF\*LS\*1445563911  
 REF\*LS\*1445563912

---

 Heat up. Cool down.

**BEHR**

REF\*LS\*1445563913  
REF\*LS\*1445563914  
REF\*LS\*1445563915  
REF\*LS\*1445563916  
REF\*LS\*1445563917  
REF\*LS\*1445564765  
REF\*LS\*1445564766  
REF\*LS\*1445564767  
REF\*LS\*1445564768  
REF\*LS\*1445564769  
REF\*LS\*1445564770  
REF\*LS\*1445564771  
REF\*LS\*1445564772  
REF\*LS\*1445564773  
REF\*LS\*1445564774  
HL\*5\*1\*1  
LIN\*\*RC\*BT05378  
SN1\*\*24\*PC  
CTT\*5\*3840  
SE\*78\*1153

---

Heat up. Cool down.

**BEHR**

**Multiple ASN's within same transmission**

```

ISA*00*      *00*      *01*VENDORDUN  *ZZ*BEHRCODE *100312*1507*U*00401*000000931*0*P*>
GS*SH*VENDORDUN*BEHRCODE *20100312*1433*6316*X*004010
ST*856*63160001
BSN*00*87713749*20100312*143321
DTM*011*20100312*143321
HL*1**S
MEA*PD*N*0*LB
MEA*PD*G*0*LB
TD5*B*2*CETR*A
TD3*TL**87713749
REF*BM*87713749
REF*PK*87713749
N1*MI*BEHR*92*1623
N1*ST*BEHR*92*G1234
N1*S*SF*SUPPLIER*92*21001234
N1*S*SU*SUPPLIER*92*21001234
HL*2*1*I
LIN**BP*L0902*PO*5500033731
SN1**12000*PC
REF*LS*87713749
CLD*12*1000*CON
HL*3*1*I
LIN**RC*BT01234
SN1**12*PC
CTT*3
SE*24*63160001
ST*856*63160002
BSN*00*87713748*20100312*143321
DTM*011*20100312*143321
HL*1**S
MEA*PD*N*12*LB
MEA*PD*G*16*LB
TD5*B*2*CETR*A
TD3*TL**650137036
REF*BM*87713748
REF*PK*87713748
N1*MI*BEHR*92*1623
N1*ST*BEHR*92*G1234
N1*S*SF*SUPPLIER*92*21001234
N1*S*SU*SUPPLIER*92*21001234
HL*2*1*I
LIN**BP*K7755*PO*5500018220
SN1**6000*PC
REF*LS*87713748
CLD*6*1000*CON
HL*3*1*I
LIN**RC*BT01234
SN1**6*PC
CTT*3
SE*24*63160002
GE*1*6316
IEA*1*000000931

```

---

Heat up. Cool down.

**BEHR**