



# Harsco Track Technologies

Harsco

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## SERVICE BULLETIN MAINTENANCE OF WAY EQUIPMENT

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**DATE:** 11-17-2005 **BULLETIN NO:** 05-018

**TITLE:** EXTENDED TOWING OF DURST GEARBOXES

**RATING:**

<input type="checkbox"/>	<b>DIRECTIVE</b> (Action Is Required)	<input checked="" type="checkbox"/>	<b>ALERT</b> (Potential Problem)
<input type="checkbox"/>	<b>INFORMATION</b> (Action Is Optional)	<input type="checkbox"/>	<b>PRODUCT IMPROVEMENT</b> (Enhance Product)

**PRODUCT SERIES / MODEL:** All Stoneblowers, C Series Rail Grinders and PGM Rail Grinders with Durst Gearboxes

**SERIAL NO:** All Models with Durst Gearboxes

**SUMMARY:** Provide an Extended Towing Procedure of 500 miles (805 kilometers) or more for machines equipped with Durst gearboxes.

**OPERATIONAL IMPACT:** Extended towing of 500 miles (805 kilometers) or more on machines equipped with Durst gearboxes may cause serious internal damage to the gearboxes.

**ACTION:** Follow the Extended Towing Procedure in this Bulletin to add additional gear lube, fluid treatment and monitoring of the Durst gearboxes when towing the machine 500 miles (805 kilometers) or more. Print out attached Log Sheet, fill out all required information, and forward to Mike Gilbert at the Fairmont, MN. facility.

**CONTACT:** If you have any questions or if we can be of any service, please contact Mike Gilbert at the Fairmont, MN. facility.

E Mail: [mgilbert@harscotrack.com](mailto:mgilbert@harscotrack.com)

Phone: 507-235-7222

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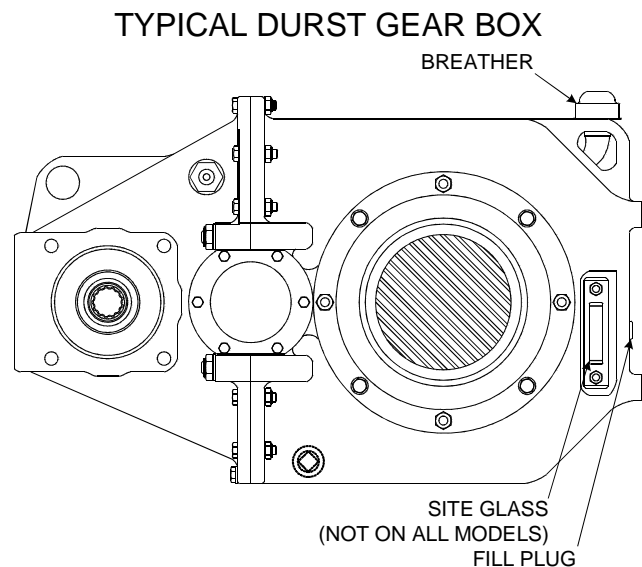
**SAFETY INFORMATION**

- n FOLLOW APPLICABLE RAILROAD LOCKOUT - TAGOUT PROCEDURE TO REMOVE ALL ENERGY SOURCES FROM MACHINE. FAILURE TO COMPLY COULD RESULT IN SEVERE BODILY INJURY.**

**EXTENDED TOWING PROCEDURE**

Whenever a machine equipped with Durst gearboxes is going to be towed for an extended distance of 500 miles (805 kilometers) or more, the following procedure must be adhered to:

1. Fill the gearboxes to the fill plug with 80W-90 gear lube (HTT #F010667), approximately 9.75 gallons (37 liters).
2. Add an additional 2 quarts (2 liters) of 80W-90 gear lube (HTT #F010667).
3. Add 2 quarts (2 liters) of Gearzol Gear Oil Fortifier (HTT#3408473).
4. Record date, machine serial number, gearbox serial number and mechanic's name on Log Sheet and forward all information to Mike Gilbert at HTT.
5. At any possible interval after extended towing (such as at a port, rail yard. etc.), drain the fluid down to the fill plug. Measure and note the amount of oil removed.
6. Add an additional 4 quarts (liters) of 80W-90 gear lube (HTT #F010667).
7. Record date, amount of oil removed, machine serial number, gearbox serial number and mechanic's name on Log Sheet and forward all information to Mike Gilbert at HTT. Also note if there was obvious loss of fluid through the breather or any other abnormalities.
8. When the machine reaches its final destination, drain the fluid down to the fill plug. Measure and note the amount removed.
9. Record date, amount of oil removed, machine serial number, gearbox serial number and mechanic's name on Log Sheet and forward all information to Mike Gilbert at HTT. Also note if there was obvious loss of fluid through the breather or any other abnormalities.

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49431  
Tel: (231) 843-3431  
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# LOG SHEET

## SERVICE BULLETIN NO. 05-018

### MACHINE INFORMATION:

MACHINE TYPE: \_\_\_\_\_

MACHINE ID NUMBER: \_\_\_\_\_

MACHINE SERIAL NUMBER: \_\_\_\_\_

### EXTENDED TOWING PROCEDURE:

Whenever a machine equipped with Durst gearboxes is going to be towed for an extended distance of 500 miles (805 kilometers) or more, the following procedure must be adhered to:

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9. Record date, amount of oil removed, machine serial number, gearbox serial number and mechanic's name on Log Sheet and forward all information to Mike Gilbert at HTT. Also note if there was obvious loss of fluid through the breather or any other abnormalities.

**TOWING EVENT FROM:** \_\_\_\_\_ **TO:** \_\_\_\_\_ **APPROXIMATE TRAVEL:** \_\_\_\_\_

Front Bogie Fill Level Change Record				Rear Bogie Fill Level Change Record			
Date	Gearbox Serial #	Name	Drain Upon Arrival Amount of Oil Removed	Date	Gearbox Serial #	Name	Drain Upon Arrival Amount of Oil Removed

*Comments / Notes / Observations related to Oil loss or other abnormalities:*

**TOWING EVENT FROM:** \_\_\_\_\_ **TO:** \_\_\_\_\_ **APPROXIMATE TRAVEL:** \_\_\_\_\_

Front Bogie Fill Level Change Record				Rear Bogie Fill Level Change Record			
Date	Gearbox Serial #	Name	Drain Upon Arrival Amount of Oil Removed	Date	Gearbox Serial #	Name	Drain Upon Arrival Amount of Oil Removed

*Comments / Notes / Observations related to Oil loss or other abnormalities:*

**NOTE:** After each towing event, forward this log sheet via fax to:

Mike Gilbert - HTT Fairmont, MN.

Tel: (507) 235-7272 - Fax: (507) 235-7375 - [mgilbert@harscotrack.com](mailto:mgilbert@harscotrack.com)