



Hale Products, Inc. Service Bulletin

Bulletin #	SB 95	Revision Level	A	Date	04/02/2007
Product Type Covered	Hale Products	X	Class 1		
Product Covered	TORRENT SVS VALVES, 1.5" THROUGH 4"				

Problem Statement

Proper cleaning frequency of valve ball and seals for optimum performance.

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BODY OF BULLETIN

It has come to our attention that the Torrent SVS Valve, in certain installations, is experiencing performance problems, e.g., the valve proves hard to open or close or sticks during valve stem movement. A number of factors can cause this problem, i.e, insufficient lubrication, inappropriate valve stem linkage arrangement, or the condition of the valve ball and seal (excessive use with inadequate cleaning and lubrication).

Previous service bulletins, **SB#91**: SVS Valve Lubrication and **SB#92**: SVS Valve Linkage Selection addressed the proper lubrication and valve linkage selection requirements, and must be reviewed along with this bulletin.

1.1 CLEANING



WARNING !

BEFORE BEGINNING ANY INSPECTION, MAINTENANCE OR SERVICE OF ANY KIND TO THE EQUIPMENT, VERIFY THAT THE PRESSURE HAS BEEN RELEASED FROM THE SYSTEM. LOCK OUT THE EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

OPEN THE DISCHARGE VALVES, REMOVE THE SUCTION TUBE CAPS AND DISCHARGE VALVE CAPS TO RELEASE ANY RESIDUAL PRESSURE.

After Each Use

- ☐ If the system is operated with salt water, foam, or contaminated water, flush the valve with fresh water in accordance with your company procedures.

After Each Use - continued

- ❑ If accessible, visually inspect the valve to make sure there is no debris caught between the valve body and valve ball.

Also check for grit and rust strains on the valve ball or seal surfaces. These must be cleaned using an approved cleaner, i.e.,

- ❑ Safety Kleen®
- ❑ Stoddard Solvent



IMPORTANT !

THE USE AND DISPOSAL OF SOLVENTS / CLEANERS MUST BE IN ACCORDANCE WITH YOUR LOCAL ENVIRONMENTAL REGULATIONS.

For service instructions, see standard Torrent SVS INstallation, Operation and Service Manual, p/n: 209-0020-90-0, Section 6. "Repair."

- ❑ Open and close the valve to verify it operates smoothly. Apply an approved lubricant to the valve grease fittings as necessary. Grease fittings are located in the valve adapters.

Use only approved lubricants on the system. When lubrication is called for, Hale Products, Inc. recommends using one of the following lubricants.

Lubricants

- **Never-Seez®**, White Food Grade with PTFE, manufactured by:
Bostik Findley, Inc.
211 Boston Street, Middleton, MA 01949-2128
web: www.bostikfindley-us.com
- **White Knight™**, Food Grade Anti-Seize Compound, manufactured by:
Jet Lube Inc.
4849 Homestead Road, Suite 500, Houston, TX 77028
Web www.jetlube.com
- **Anti-Seize™**, manufactured by:
U.S. Valve Service & Training, Inc.
11875 West Little York, Suite 502, Houston, TX 77041
Web www.usvalveservices.com/prod7.htm



1.2 SEAL REPLACEMENT

Hale recommends replacing valve seals after three (3) years of service.

Seal replacement is discussed in the standard Torrent SVS Installation, Operation and Service Manual, p/n: 029-0020-90-0.

The valve seal is available in the SVS Valve Repair Kit, should a complete valve overhaul be needed. (See Chart 1: "Reference, Torrent SVS Valve Seal Kit Part Numbers," on page 3.)

	Valve Size	Lever #1 Kit p/n	Lever #2 Kit p/n
1.	1.5"	546-2270-01-0	546-2270-02-0
2.	2.0"	546-2280-01-0	546-2280-02-0
3.	2.5"	546-2290-01-0	546-2290-02-0
4.	3.0"	546-2300-01-0	546-2300-02-0
5.	4.0"	546-2310-01-0	546-2310-02-0

Chart 1: Reference, Torrent SVS Valve Seal Kit Part Numbers

1.3 SERVICE BULLETINS

Check your Hale / Customer Service / Service Bulletin internet site regularly for additional information about SVS valves and other Hale product information.