



Nextelligence Newsletter



Issue #31

September 2025



Environmental
Solutions

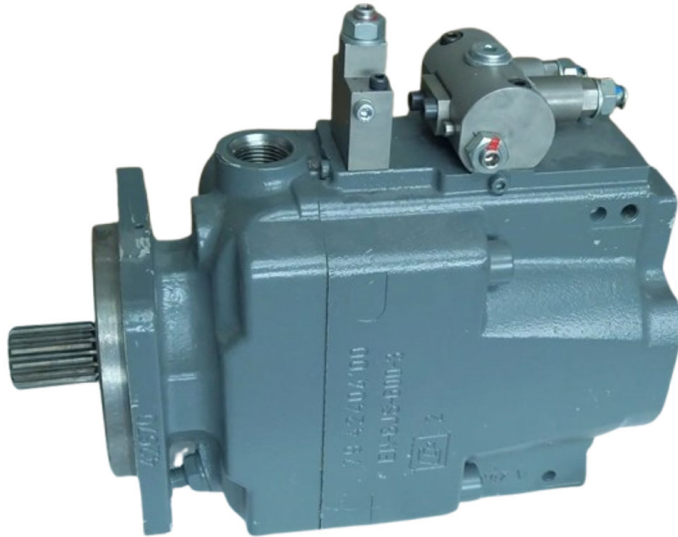


Welcome to the Nextelligence Newsletter!

Welcome to the 31st edition of the Nextelligence Newsletter. We look forward to continuing to provide the latest news in the Nextelligence training community.

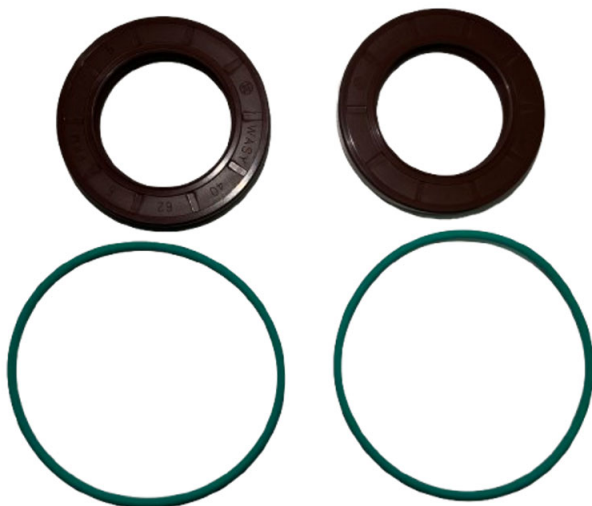


HAWE Piston Pump Shaft Seal Replacement for Half/Packs with Odyssey Controls



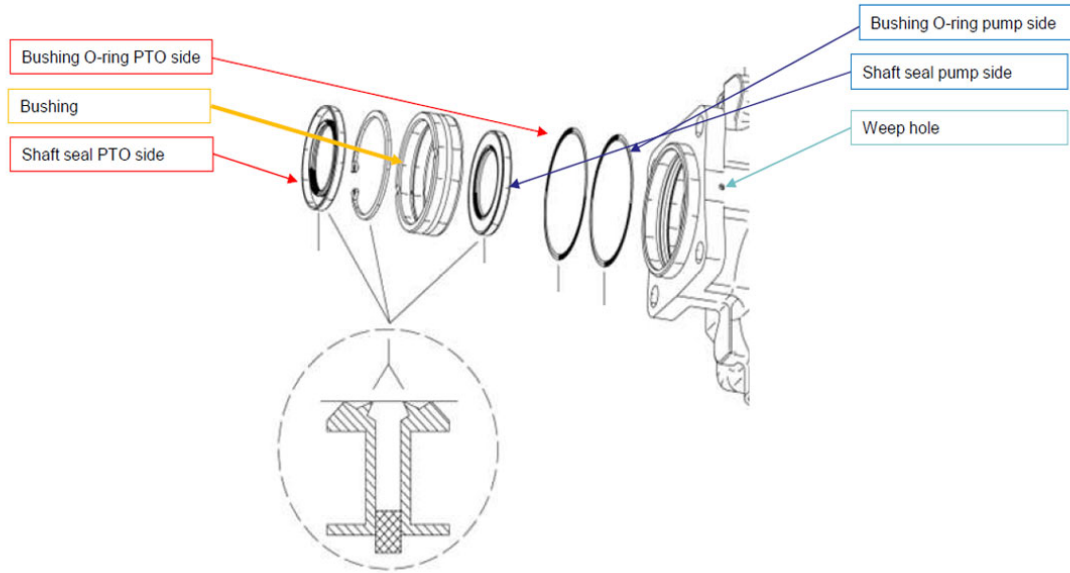
If you locate a front seal leak on your HAWE piston pump, which is used on both the Commercial front loader with Odyssey controls and the Residential front loader with Odyssey controls, the seal can be replaced by ordering part number 219-2426-105 from your local Heil dealer.

If you are unsure who your local Heil dealer is, you can easily find this information by visiting www.Heil.com. In the upper right-hand corner of the website, you will see a search box labeled “Dealer Locator.” Simply enter your zip code, and you will receive the contact information for your local Heil dealer.



SEAL KIT
219-2426-105

PART IDENTIFICATION DIAGRAM



Snap Ring Removal

Step One



STEP ONE

Install the pump in a vise, shaft pointing up.

Step Two



STEP TWO

Remove the snap ring that holds the seal carrier in place.

Seal Carrier Removal



Step Three

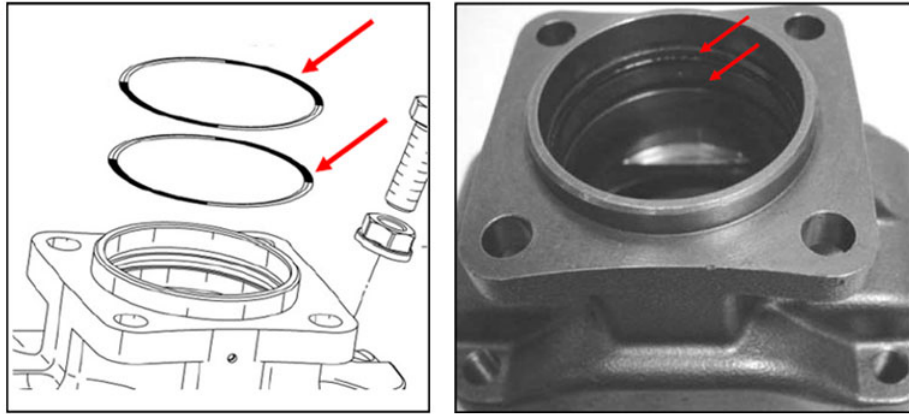
Picture is for representation only. The snap ring should be removed in the steps prior to removing the bushing!

STEP THREE

Remove the seal carrier bushing by using a flat head screwdriver to pry the bushing out of its seat. Carefully move the bushing a little at a time. Reposition the screwdriver and repeat around the surface of the bushing until the bushing is out of the housing. **BE CAREFUL NOT TO DAMAGE THE OUTER SURFACE OF THE BUSHING OR ITS SEALING SURFACE.**

O-Ring Removal

Step Four

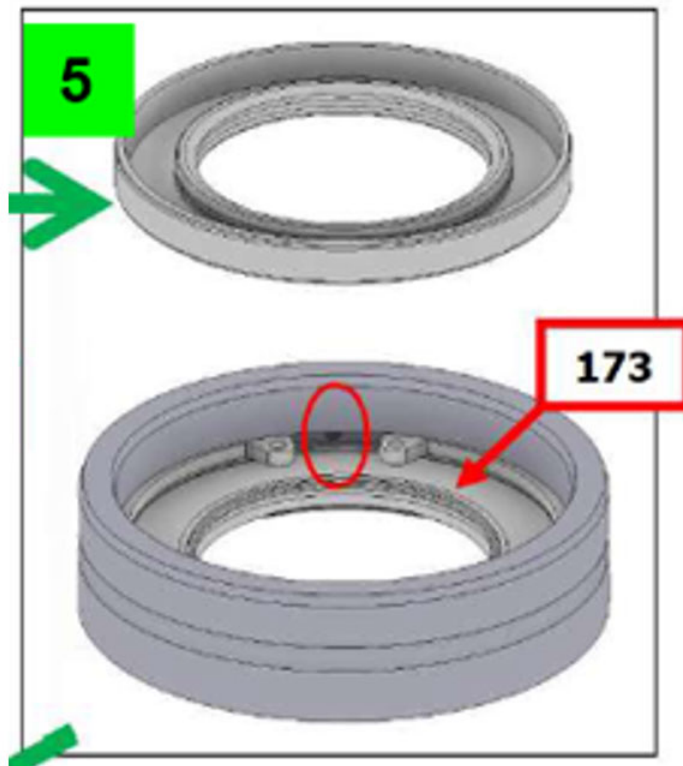


STEP FOUR

Remove both O-rings using an O-ring pick

Shaft Seal Removal

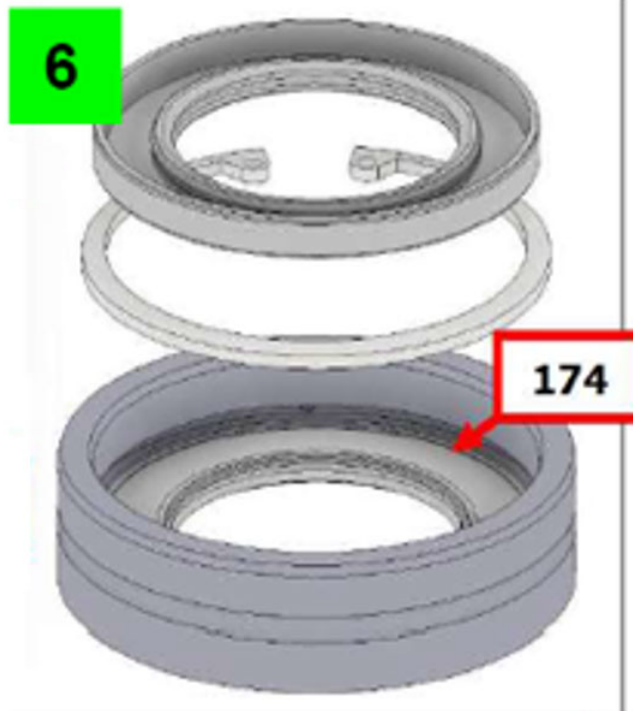
Step Five



STEP FIVE

Remove the inner shaft from the seal carrier bushing

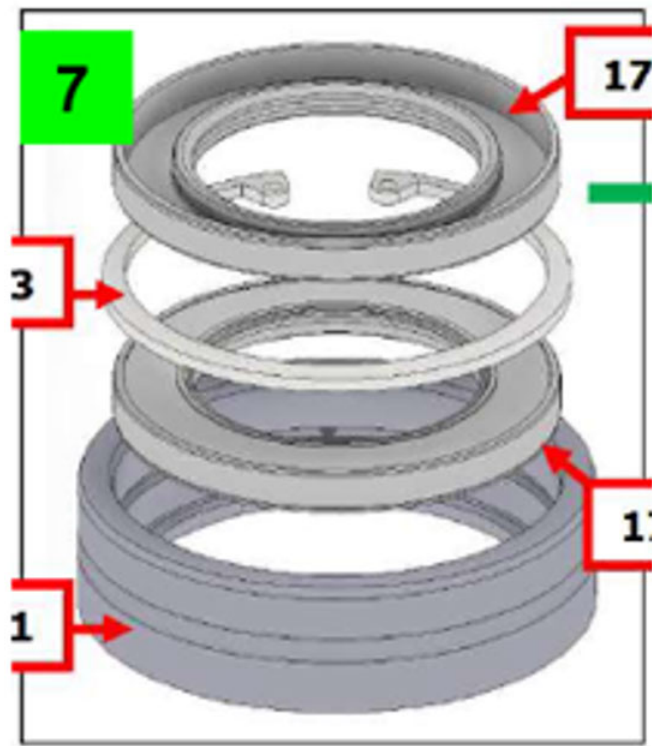
Step Six



STEP SIX

Remove the Snap Ring

Step Seven



STEP SEVEN

Remove the outer shaft seal from the shaft seal carrier

Reassembly

Step 8



STEP EIGHT

Apply grease or petroleum jelly to the outer and inner edges of the seals as well as to the O-rings before installation. You can now install the seals and O-rings.

Steps 9-11



STEP NINE

Carefully position the seal carrier bushing in place and ready to be driven into its location. Pay close attention to not damage the seal on the shaft spline.

STEP TEN

Use a seal driver tool and a big socket or an appropriately sized tube to drive the seal carrier into place.

STEP ELEVEN

Reinstall the snap ring.

Would you like to know more about hydraulics, electrical systems, and related topics? Good news! We teach that in our Nexteligenca MAT classes. You can get in-depth training by contacting us to register for a Nexteligenca MAT class at: Nexteligenca@terex.com

Contact Info & Helpful Links

Miss a Newsletter?

No problem - You can now view all past Nexteligenca newsletters by visiting our Archives page.

[VIEW NEWSLETTER ARCHIVES HERE](#)

2025 Heil Online Webinar Training Schedule

Online Training Dates	Product	Time
October 7th, 8th, & 9th	Half/Pack w/Odyssey Controls	9:00 - 11:30am CST
November 4th, & 5th	Rapid Rail	9:00 - 11:30am CST
December 2nd, 3rd, & 4th	Half/Pack Commercial	9:00 - 11:30am CST

2025 Heil Factory Training Schedule

Factory Training Dates*	Product	Time
September 23rd & 24th	DuraPack Python	8am – 4pm CST
October 21st & 22nd	Half/Pack w/Odyssey Controls	8am – 4pm CST
November 18th & 19th	Electrical Fundamentals - Digital Multimeter	8am – 4pm CST
December 9th & 10th	RevAMP	8am – 4pm CST
December 16th & 17th	Half/Pack Commercial	8am – 4pm CST

* Subject to change

** 3rd Eye training can be scheduled as a REQUESTED third half day upon request.

2025 3rd Eye Online Training Schedule

3rd Eye Training Dates	3rd Eye Product Training	Delivery Method	Time
September 23rd	Camera & Digital	Webinar	8am - 1pm CST
October 21st	Camera & Digital	Webinar	12pm - 5pm CST
November 18th	Camera & Digital	Webinar	8am - 1pm CST
December 9th	Camera & Digital	Webinar	12pm - 5pm CST

2025 3rd Eye Factory Training Schedule

3rd Eye Training Dates	3rd Eye Product Training	Delivery Method	Time
September 25th	Camera & Digital	Factory	8am - 12pm CST
October 23rd	Camera & Digital	Factory	8am - 12pm CST
November 20th	Camera & Digital	Factory	8am - 12pm CST
December 11th	Camera & Digital	Factory	9am - 12pm CST
December 18th	Camera & Digital	Factory	9am - 12pm CST

[VIEW FULL SCHEDULE](#)

Nextelligence Class Registration

Feel free to contact us anytime if you have any training questions or to register for one of our training classes.

[EMAIL TRAINING](#)



Service Shack

Visit the Heil Service Shack for helpful training and instructional videos

[VIEW SERVICE SHACK](#)



BRONZE



SILVER



GOLD



PLATINUM



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