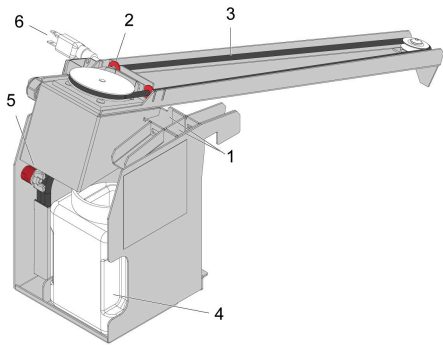Haas Oil Skimmer Troubleshooting Guide

4.3 HAAS OIL SKIMMER - TROUBLESHOOTING

Haas Oil Skimmer - Troubleshooting Guide

Introduction

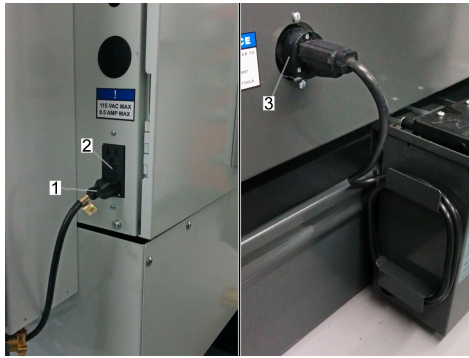The image shows the following components of the Oil Skimmer system.

1. Oil Skimmer Chamber (x2)
2. Scraper (x2)
3. O-ring
4. Oil container
5. Extra Scrapers and O-rings
6. Power Cord with Switch

Symptom Table

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
Pulley and O-ring do not rotate despite motor turning.	Pulley set screw backed out from motor drive Shaft	Orient the motor drive shaft so that the flat side is facing the set screw bore in the pulley. Then tighten the set screw so that it is pressed against the flat side of the drive shaft.
Oil does not dispense into bucket.	The oil is too viscous.	Clean the oil in the skimmer. If issue proceeds, clean the coolant tank. Refer to the Haas Oil Skimmer Maintenance procedure.
	O-ring is damaged.	Check for chips wedged into the O-rings. Remove chips from the O-ring and the coolant tank. Replace O-ring. Refer to the Haas Oil Skimmer Maintenance procedure.
	Both chambers are full of dirty oil.	Dump out the coolant oil mixture from the chamber. Clean thoroughly with water and refill with clean coolant. Refer to the Haas Oil Skimmer Maintenance procedure.
Oil drips onto the floor.	Inspect for holes or defects.	Fill chamber with coolant and observe for a leak.
	Improper set-up on edge of tank.	Make sure there are no chips or obstructions on the bottom of the oil skimmer and on the edge of the coolant tank.
	Both chambers are full of dirty oil.	Dump out the coolant oil mixture from the chamber. Clean thoroughly with water and refill with clean coolant. Refer to the Haas Oil Skimmer Maintenance procedure.

ctrical Fault

Make sure the connection is secure between the oil skimmer assembly cable [1] and the Ground-Fault Circuit-Interrupter [2] (GFCI). Some larger machines have an enclosure panel side-skirt connector [3] that the oil skimmer assembly cable [1] connects to.

Make sure the GFCI [2] has not been tripped. If it has, reset it.

Electrical Diagram