

Steel Mesh / Steel Belt Oil Skimmer

Maintenance & Cleaning Instructions

一、Weekly Maintenance

1. Steel Mesh / Belt Cleaning

- Inspect the steel mesh or steel belt for oil residues and contaminants. Remove oil residues using an air gun or wipe with a clean cloth. If oil debris is stuck, rinse with clean water.

2. Oil Trough & Scraper Cleaning

- Remove the outer cover before cleaning the oil trough and scraper.
- Use a brush and cloth to remove oil sludge and contaminants.

4. Motor Operation Inspection

- As the motor operates continuously, check for abnormal noise or vibration.

二、Monthly Maintenance

1. Oil Skimming Performance Check

- If oil removal is insufficient, inspect the steel mesh, steel belt, or scraper for damage.

2. Motor & Electrical Inspection

- Ensure proper motor operation and that electrical wiring is secure.
- Oil or debris entering the motor may cause damage and should be prevented.

3. Tank Cleaning

- Manually clean the tank if excessive contaminants are present.
- This ensures continuous and stable operation of the oil skimmer.

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☰ 、 Safety Precautions

- Always stop the machine before performing maintenance or cleaning.
- The machine body may be rinsed with clean water.
- **Do not allow water to enter the motor**, as it may cause short circuits or damage.
- If the machine will be shut down for an extended period :
 1. Keep the steel mesh / steel belt dry
 2. Perform a test run before restarting

⚠ Caution :

Do not use steel or wire brushes to clean gaps, as this may reduce the oil-attraction performance of the steel mesh or belt.

☒ 、 Consumables & Spare Parts

The following parts are consumables or wear items and should be replaced if damaged :

1. Oil Wiper
2. Plastic Oil Hose
3. Motor & Gear Reducer (Reduction Ratio 180:1)
4. Power Switch
5. Oil Box (Plastic)

For repair or spare parts, please contact:
Armorway Precision Co., Ltd.

