



## SAE 32 PARTS WASHER-DEGREASER

### SOLVENT REQUIREMENTS:

A petroleum based solvent that is both insoluble and lighter than water.

A solvent flash point of 60C or higher.

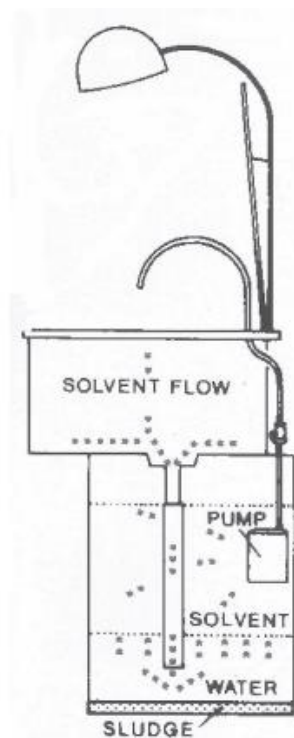
#### **LOCALLY OBTAINED SOLVENTS:**

Most oil and chemical suppliers carry various degreasing solvents that can be tailored to your climate and specific cleaning needs. In most cases locally, obtained solvents are the most economical due to lower shipping costs. Solvents that we recommend that comply with legislation concerning flash points are: Castrol Solvent Cleaner, Castrol Parts Cleaner (very little odor), Mobil Certrex 70 Mobil Solvent HF (very little oil residue) and Shellsol D 2046.

#### **SAE UNIQUE FILTRATION SYSTEM**

The S.A.E. parts washer filtering system uses the principle that the solvent is both insoluble and lighter than water. While the unit is in operation, the solvent is continually recycled as shown in the sketch below. As the used solvent from the drain tube enters the water, it forms little droplets that float back up to the main body of solvent. While the solvent droplets are rising, the water acts like a magnet and pulls out particles and impurities. Along with filtering, the water creates a turbulence barrier between the solvent and the sludge that has settled to the bottom of the tank. In addition, use a baggie liner to line the base tank preventing the settled sludge from adhering to the bottom and walls of the tank. This greatly reduces clean up time by making it possible to remove the sludge simply by lifting out the baggie.

**\*\* PLEASE NOTE: PETROL MUST NOT BE USED \*\***



## **ASSEMBLY INSTRUCTIONS:**

### **TOOLS REQUIRED**

- Medium sized flat tip screwdriver.
- 12-18" pipe wrench or channel lock type pliers.
- 6-10" adjustable wrench.
- SAE 32 - 60 litres solvent balance water 2"-3" from top of drum.
- SAE 26 - 36 litres solvent balance water 2"-3" from top of drum.

### **BASE DRUM ASSEMBLY - (refer to attached Parts Schematic)**

1. Place base drum on floor near desire location.
2. Insert baggie liner so that it conforms to inside of base drum. Fold excess over outside.
3. Fill base drum with required amounts of solvent as indicated then add water.

### **WASH TUB ASSEMBLY - (refer to attached parts Schematic)**

1. Position tub assembly on its end with switch facing up.
2. Install drain extension hose.
3. Fit baggie liner inside drum.
4. Install flexible spout assembly being careful not to over tighten nut - '**Nip up only**'.
5. Hang pump bracket with pump over inside of drum.
6. Set washtub assembly on the base drum, hook rear tabs under drum lip and in the slots provided.  
**Note:** As the drum is made of a special linear low-density polyethylene, minor changes to its shape will occur after assembly; the top of the drum will conform to the base of the tub and the base of the drum will take up any slight irregularities in the floor. The resulting effect is a very stable fixture within 30 minutes of assembly.  
Thread thumbscrew into front tab until it is tight against lower part of drum lip.
7. Push hose attached to flexible outlet hose into quick couple onto pump.
8. Fit lamp pole into hole at centre rear sill of tub. Be sure fusible link points forward and lines up with the key hole in fire cover screw lamp pole socket to inside of tub and tighten cable lock.
9. Open the fire cover and engage the fusible link.
10. Plug pump outlet into switch box.
11. Plug unit power cord into 240 volt earthed power point.
12. Do not run pump dry.

**YOUR SAE 32 PARTS WASHER-DEGREASER IS NOW READY FOR USE**

# SAE32 PARTS WASHER-DEGREASER

CARRY OUT UNIT ASSEMBLY AS PER INSTRUCTIONS PROVIDED.

ONCE ASSEMBLED. 60 LITRES OF CASTROL PARTS WASHING SOLVENT SHOULD BE POURED INTO TUB AND THEN TOPPED UP WITH WATER TO A LEVEL 75MM BELOW THE TOP OF DRUM.

## **MAINTENANCE:**

EVERY 3 MONTHS OR SOONER IF SOLVENT IS EXTREMELY DIRTY, SOLVENT AND WATER SHOULD BE DISPOSED OF BY AN APPROVED GOVERNMENT PROCEDURE.

SOLID WASTE COLLECTED IN THE BASE OF THE DRUM IN THE BAGGIE LINER PROVIDED SHOULD THEN BE DISPOSED OF THROUGH THE STANDARD SOLID WASTE SYSTEM. A NEW BAGGIE LINER SHOULD BE INSTALLED IN DRUM AND REFILLED.

**APPROX. TIME 15-20 MINUTES**

