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2 MACHINE AND MANUFACTURER IDENTIFICATION

Table with columns: CODE, PRODUCT, MODEL, TECHNICAL DATA, AVAILABLE MODELS, MANUFACTURER

3 DECLARATION OF CONFORMITY

The undersigned: PIUSI S.p.A. Via Pacinotti cm. 21, Rangavino 46029 Suzzara - (MN) - Italia
Hereby states under its own responsibility that the equipment described below:
Description: MACHINE TO THE TRANSFER OF lubricating oils
Model: DEPUR-OIL
Serial number: refer to Lot Number shown on CE plate affixed to product
Year of manufacture: refer to the year of production shown on the CE plate affixed to the product
is in conformity with the legal provisions indicated in the directives:

4 MACHINE DESCRIPTION

- PUMP: Self-Priming, volumetric, rotating electric vane pump equipped with by-pass valve.
MOTOR: Asynchronous motor, single-phase or three-phase, 2 or 4 pole, closed coil type (Protection class IP55 according to regulation EN 60334-5-84), self-ventilating, flange-mounted directly to the pump body.
FILTER: Filter with screw-type cartridge and aluminum head and built-in pressure gauge.
DELIVERY TUBE: PVC spiral tube, diameter 20 mm, length 2,5 m, connected with the filter outlet by means of the hose-holder.
SUCTION TUBE: PVC spiral tube with diameter 20 mm, length 2 m, connected to the pump inlet by means of the hose-holder.

4.1 HANDLING AND TRANSPORT

DEPUR-OIL is supplied in non-stackable cardboard packing. Store and handle the unit, paying attention to the indications supplied graphically on the packing. In case of lifting make sure that the capacity of lifting means and accessories (bands, for example) are suitable. Handling and lifting equipment shall be used by authorized and properly trained personnel only.
When standing still periods of the unit, either in packed or unpacked conditions, shall be kept in a place sheltered from dust and weather (rain, humidity, sun, etc.). Remove the cardboard packing using scissors or a cutter. Operate carefully, to avoid damaging the unit.
The following indications are specified on the package:
- an arrow indicating the TOP side;
- a label containing all the information relating to the equipment (model, code, weight, etc.).

5 GENERAL WARNINGS

Warnings
To ensure operator safety and to protect the dispensing system from potential damage, workers must be fully acquainted with this instruction manual and attempts to use the dispensing system.
The following symbols will be used throughout the manual to highlight safety information and precautions of particular importance.
ATTENTION
This symbol indicates safe working practices for operators and/or potentially exposed persons.
WARNING
This symbol indicates that there is risk of damage to the equipment and/or its components.
NOTE
This symbol indicates useful information.

Manual preservation
Reproduction rights
This manual should be complete and legible throughout. It should remain available to all users and specialist installation and maintenance technicians for consultation at any time.
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6 SAFETY INSTRUCTIONS

Mains - preliminary checks before installation
Maintenance control
Fire and explosion
Safety instructions
This equipment must be grounded. Improper grounding, setup or usage of the system can cause electric shock.
Turn off and disconnect power cord before servicing equipment.
Connect only to a grounded electrical outlets.
Use only 3 wire extension cords in accordance with local electrical codes. Extension cords should have a ground lead.
Ensure ground prongs are intact on power and extension cords. Do not expose to rain. Store indoors.
Never touch the electric plug of socket with wet hands.
Do not turn the dispensing system on if the power connection cord or other important parts of the apparatus are damaged, such as the inlet outlet plumbing, dispensing nozzle or safety devices. Replace damaged components before operation.
Before each use check that the power connection cord and power plug are not damaged. If damaged, have power connection cord replaced before use by a qualified electrician.
The electrical connection between the plug and socket must be kept well away from water.
Unsuitable extension leads can be hazardous, in accordance with current regulations, only extension cords that are labelled for outdoor use and have a sufficient conduction path should be used outdoors. For safety reasons, we recommend that, in principle, the equipment be used only with a earth-leakage circuit breaker (max 30 mA).

ELECTRIC SHOCK
Electrocution or death
EQUIPMENT MISUSE
Death or serious injury
TOXIC FLUID OR FUMES HAZARD
SMOKING PROHIBITED
OTHER EQUIPMENT
PROTECTIVE GLOVES
WARNING

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Electrical connections must use ground fault circuit interrupter (GFCI). Installation operations are carried out with the box open and accessible electrical contacts. All these operations have to be done with the unit isolated from the power supply to prevent electrical shock. Do not operate the unit when fatigued or under the influence of drugs or alcohol.
Do not leave the work area while equipment is energized or under pressure. Turn off all equipment when equipment is not in use.
Do not alter or modify equipment. Alterations or modifications must use agency approvals and create safety hazards.
Route hoses and cables away from traffic areas, sharp edges, moving parts, and hot surfaces.
Do not link or over bend hoses or use hoses to pull equipment. Keep children and animals away from work area.
Comply with all applicable safety regulations.
Do not exceed the maximum operating pressure or the temperature of the part with lower nominal value of the system. See Technical Data in all equipment manuals.
Use fluids and solvents that are compatible with the wetted part of the system. See Technical Data in all equipment manuals. Read the manufacturer's instructions of the fluids and solvents. For more information on the material, request the safety data sheet (MSDS) from the distributor or dealer.
Check the equipment every day. Immediately repair or replace worn or damaged parts only with original spare parts of the manufacturer. Make sure the equipment is classified and approved compliant with the standards of the environment where it is used.
Use the equipment only for the intended use. Contact your distributor for more information.
Keep hoses and cables far from traffic areas, sharp edges, moving parts and hot surfaces.
Do not stretch or overbend the hoses or use the hose to pull the equipment.
Read MSDS to know the specific hazards of the fluids you are using. Store hazardous fluid in approved containers, and dispose of it according to applicable guidelines.
Prolonged contact with the treated product may cause skin irritation, always wear protective gloves during dispensing.

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11 INSTALLATION
ATTENTION
PRELIMINARY INSPECTION
11.1 ASSEMBLING FOREWORD

To assemble the machine refer to the exploded view under paragraph "8".
1 Assemble the suction tube (Pos. 3) by connecting the hose-holder installed on the tube (Pos. 7) to the elbow installed on the pump (Pos. 4). Use a suitable thread sealant.
2 Assemble the delivery tube (Pos. 13) by connecting the hose-holder installed on the tube (Pos. 7) to the elbow installed on the filter (Pos. 4). Use a suitable thread sealant.
3 Install the axle (Pos. 20) on the trolley (Pos. 22).
4 Install the wheels (Pos. 19) on the axle (Pos. 20) by locking them by means of the washers (Pos. 18).
5 Install the trolley foot (Pos. 27) with these screws (Pos. 17) at the base of the trolley back (Pos. 22) and the fixing holes.
6 Install the handle (Pos. 20) to the trolley back (Pos. 22) by means of the screws (Pos. 14).

The MOTORS ARE NOT OF THE ANTI-EXPLOSIVE-TYPE.
DO NOT install them where inflammable vapours could be present.
It is the responsibility of the installer to provide the necessary line accessories to ensure the correct and safe operation of the pump.
The accessories that are not suitable to be used with the previously indicated material could cause the pump and/or cause injury to persons, as well as causing pollution.
To maximise performance and prevent damage that could affect pump operation, always demand original accessories.

It is the installer's responsibility to carry out the electrical connection with respect to the applicable regulations.
Comply with the following (not exhaustive) instructions to ensure correct installation.
During installation and maintenance make sure that power to the electric lines has been turned off.
Always close the cover of the terminal strip box before supplying electrical power, after ascertaining the integrity of the gasket seal that ensure protection grade IP 55.

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INHALTSVERZEICHNIS
ANGABEN ZU MASCHINE UND HERSTELLER
BESCHREIBUNG DER MASCHINE
ALLGEMEINE WARTHINWEISE
SICHERHEITSAUFELEUTUNGEN
TECHNISCHE DATEN
BETRIEBSBEDINGUNGEN
STROMVERSORGUNG
WARTUNG
GERÄUSCHPEGEL
STÖRUNGEN UND DEREN BEHEBUNG
DEMONTAGE UND ENTSORGUNG
ÜBERSICHTSBILDTAFELN / AUSSENMASSE

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ERHALTLICHE MODELLE
HERSTELLER
DEPUR-OIL
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Via Pacinotti Z.I. Rangavino - 46029 Suzzara (MN) Italy

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ERHALTLICHE MODELLE
HERSTELLER
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10.4 ERLAUBTE UND VERBOTENE FLUIDS
ZULÄSSIGE FLUIDS
NICHT ERLAUBTE FLUIDS UND GEFÄHRE
WASSER
LEBENSMITTEL FLÜSSIGKEITEN
KORROSIVE, CHEMISCHE PRODUKTE
LÖSUNGSMITTEL

11 INSTALLATION
ACHTUNG
VORBEREITENDE KONTROLLEN
11.1 AUFBAU
VORWORT

11.1 AUFBAU
VORWORT
Zum Aufbau der Maschine die in Abschnitt „8“ dargestellte Übersichtsbildtafel beachten.
Den Saugschlauch (Pos. 3) anbringen und hierzu den am Schlauchbefestigten Schlauchschalter (Pos. 7) an der Pumpe (Pos. 4)



