

ULTRAFILTRAZIONE UNIT
FOR REGENERATION OF OIL
DIANA

WITH AN ATTENTIVE
EYE TO NATURE.





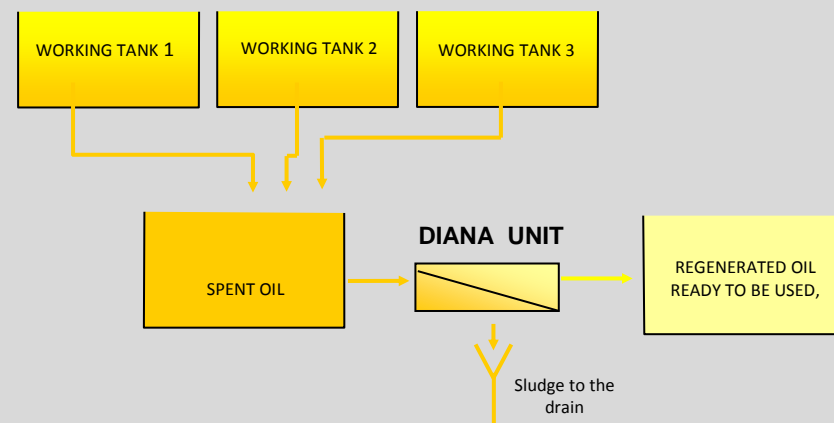
ULTRAFILTRATION UNIT FOR REGENERATION OF OIL DIANA SERIES

APPLICATION

CONDOROIL IMPIANTI HAS CARRIED OUT A NEW PLANT SERIES NAMED DIANA ESPECIALLY DESIGNED FOR THE FIELD OF MECHANICAL WORKINGS, PRESSING, DRAWING, ROLLING, LUBRICATION OF GEARS AND MOTOR, ETC. IT IS A TOTALLY INDEPENDENT UNIT THAT ALLOWS THE REGENERATION IN CONTINUOUS OR AT BATCH OF THE OILS USED IN THESE WORKINGS ASSURING ECONOMIC AND QUALITATIVE ADVANTAGES: THE CONTAMINANTS THAT GENERALLY CAUSE AGEING OF SUCH FLUIDS (WATER, METALS, OXIDES, COMPLEX METAL, ETC.) ARE ELIMINATED BY USING PARTICULAR ULTRAFILTRATION MEMBRANES.

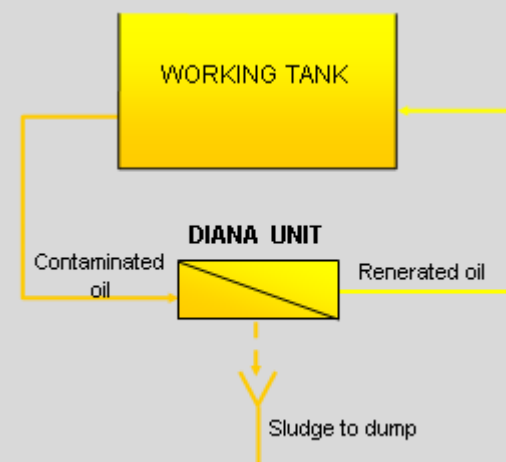
BATCH REGENERATION

INDEPENDENT UNIT IN WHICH IS CHARGED THE SPENT WORKING OIL COMING FROM DIFFERENT MACHINES. THE OIL, WHEN REGENERATED, CAN BE RE USED BY KEEPING THE ORIGINAL CHARACTERISTICS OF QUALITY. THE ADVANTAGE OF THIS UNIT IS THAT IT CAN BE USED TO REGENERATE OILS OF DIFFERENT NATURE AND COMING FROM MACHINES PLACED IN DIFFERENT PLACES IN THE FACTORY.



CONTINUOUS REGENERATION

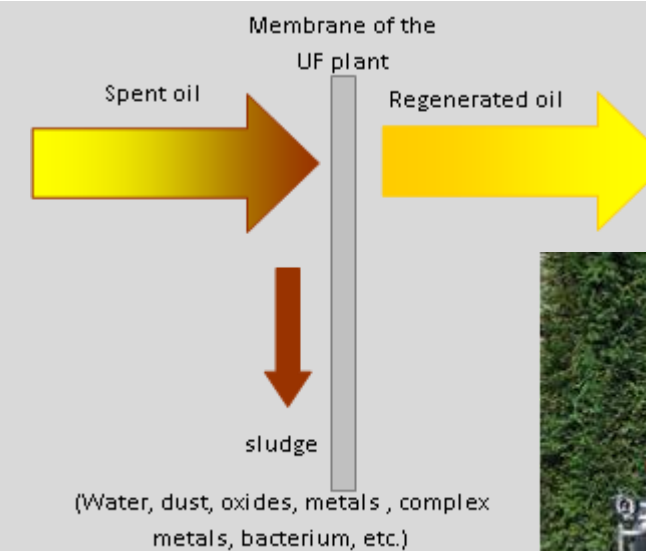
UNIT DIRECTLY CONNECTED TO THE TANK OF THE WORKING MACHINE. THE PRODUCT USED IN THE PROCESS IS REGENERATED IN CONTINUOUS GETTING A PRODUCT FLOW WITH THE ORIGINAL CHARACTERISTICS: THIS MEANS A BIG QUALITATIVE IMPROVEMENT BESIDES THAN ECONOMIC, SINCE THE PERFORMANCES ARE KEPT CONSTANTLY HIGH. OPTION TWIN: IT ALLOWS TO REGENERATE SIMULTANEOUSLY MORE WORKING TANKS THAT USE THE SAME PRODUCT.



MODELS CAPACITY

MODEL	CAPACITY (L/DAY)	DIMENSION	ABSORBED POWER (KW/H)	MEMBRANE SURFACE (M2)
DIANA C35	50	1800 X 1400 X 2500	1,50	0,35
DIANA C70	100	1800 X 1400 X 2500	1,50	0,70
DIANA C100	150	2200 X 1400 X 2500	5,20	1,05
DIANA C200	300	2200 X 1400 X 2500	5,20	2,10
DIANA C420	600	3000 X 1400 X 2500	8	4,20
DIANA C500	700	3000 X 1400 X 2500	8	4,90
DIANA C840	1200	3000 X 1400 X 2500	13	8,40
DIANA C1000	1400	3000 X 1400 X 2500	15	9,80
DIANA C1300	1800	3000 X 1400 X 2500	15	13,30

WORKING PRINCIPLES



TECHNICAL CHARACTERISTICS

COMPONENT	MATERIALS
VALVES	AISI 316L
MEMBRANES	CERAMIC
CENTRIFUGAL PUMPS	AISI 304
STRUCTURE	AISI 304
PIPES AND FITTINGS	AISI 304
TANKS	AISI 304
MEMBRANE VESSEL	AISI 304
DRIPPING TANK	AISI 304
HEATING ELEMENTS	AISI 304

COMPLETELY AUTOMATIC WORKING
PLC SIEMENS
MEMBRANE AUTOMATIC CLEANING
AUTOMATIC STOP IN CASE OF ANOMALIES