

BIOSANE DW 60

**CHLORINE-FREE DEGREASER,
ANTICORROSIVE**

Product ensuring the functions of grease-remover,
dry-hydrophobic, anti-corrosive

DEGREASING FUNCTION

BIOSANE DW 60 is grease-remover without odor, at fast speed evaporation and with a high auto-ignition point.

In the field of the performances:

BIOSANE DW 60 has an important degreasing capacity, and is particularly effective on machining oils or other hydrocarbons. Its speed of evaporation is fast (rate of evaporation compared to ether = 1: 55) and is constant. It has an excellent surface tension. This characteristic confers increased possibilities of degreasing on parts with difficult geometries; it is also the guarantee for the reduction of quantities used and for a better effectiveness.

In the treatment of metals after machining by soluble oil, one can use a special process of drying which consists in emerging the parts in solvents environments. In this operation, one causes a fast intention of elimination of water present at the surface of the parts.

BIOSANE DW 60 by the presence of surface-active agents in its formulation, modifying the surface tension, has a hydrophobic function. The dried parts can be thus exposed to abnormal conditions of temperature or relative humidity, at ambient air. BIOSANE DW 60 can be also used in the processes after degreasing in detergent or operations of shining carried out on machines TRIBO with detergents.

BIOSANE DW 60 also ensures an excellent protection of the metal parts sensitive to corrosion (test salt spray, 100 Hrs, IH 4). The residual film left on the surface after evaporation of solvent is lower than 1 μ . The treated parts can be thus exposed to abnormal conditions of temperature or relative humidity of the ambient air; they are also protected from the risks of corrosion due to hands acidity at the time of their gripping for metrological control.

In the case of parts of presentation, this residual film can be easily eliminated by later baths of BIOSANE T 212 or BIOSANE TE 213.

PACKAGING

Item code : 100507 - Drum of 200 l



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OTHER CHARACTERISTICS

BIOSANE DW 60 has a sufficient speed of evaporation to allow metrological controls uninterrupted, at the time of the operations of machining.

BIOSANE DW 60 is compatible with the majority of thermoplastics and thermosets. It does not attack the joints.

BIOSANE DW 60 has a low density allowing the decantation of the stains and thus avoiding the problems of floating of those. It has a strong capacity of separation.

BIOSANE DW 60 is usable by all manual process:

- rag,
- brushes,
- fountain;

ou all industrialized process :

- immersion,
- sprinkling,
- cold ultrasounds.

BIOSANE DW 60 can be used for the degreasing of the electric motors, it does not have any action on insulating varnishes. It can be also used on electric material, it has a breakdown tension higher than 60.000 volts in accordance with standard IEC 156.

TYPICAL AND CHEMICAL PROPERTIES

PROPERTIES	STANDARD	VALUES	UNIT
Density at 25° C	NF EN ISO 12185	770	kg/m ³
Flash point closed cup	ISO 2719	60	° C
Auto-ignition point	ASTM E 659	>200	°C
Initial boiling point	ASTM D 1078	165	°C
Freezing point	NFT 60.105	-60	°C
Viscosity at 25°C	ASTM D 445	0,912	mm ² /s-1
Evaporation rate (DEE = 1)	DIN 53 170	55	
KB Index	ASTM D 1133	52	
Surface tension	ISO 6295	28,1	Dynes/cm
Refractive index	ASTM D 1218	1,4200	
Copper corrosion 100hrs at 40°C	ASTM D 1616	1a	
Breakdown tension	IEC 156-247	60 000	v
Hydrosolubility	-	0	