WIAP® MEMV®

International staff training in machine construction

Introduction: The WIAP trained professionals which and some already were new decades in operation since decades. This personnel is often well in practice, it was missing from time to time, the basis of the theory. With a special training program which was designed alternative to train even during production. The WIAP MEMV System

Subject / Reference:
Date / Date: 11/09/2009
Author / designer: Hans-Peter Widmer
Problem: Working three weeks without coolant emulsion

Figure 1: Pure water also cools!

Picture rust 2 slides

Figure 4:

Figure 5: rusted lining

Figure 6: disassembled and cleaned inside lining

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Figure 7: The machine base and red rusty water

For preventive maintenance includes a check of the coolant emulsion. Many workers do not think far enough and my only water enough. What can cause a damage. See photos. In addition, the lubricating effect with emulsion is much better than just water. If a machine weeks left, which can cause unpleasant damage, why should never be used without coolant emulsion.

A rule of thumb minimum 2%

Turning and milling about 4-5%
Grinding to 8%
(5% = 10 liters of water
0.5 liter of emulsion)

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WIAP MEMV shouldered the upkeep. Work without coolant not good.

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Title:

Working without or too little refrigerant liquid harms a machine tool

description

Working without or too little refrigerant liquid harms a machine tool Getting enough% fill typically the rule of thumb they go well with 5% or see our list
WIAP school maintenance and the machine operator in detail according to the system WIAP MEMV
5% to 100 liters = 5 liter
To 10 liters = 0.5 liter

keyword

Working without or too little refrigerant liquid harms a machine tool Getting enough% fill typically the rule of thumb they go well with 5%