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TECHNICAL BULLETIN

Use of EHL Lube instead of Tire Talc on EMTP Heat Mats & Pockets

Regular cleaning & lubrication maintenance of the EMTP Heat Mats & Pockets dramatically increases the life of both items. Traditionally it has been the recommendation to use Tire Talc in the pockets to allow the heat mat to freely move within the pockets. Frequency of this maintenance varies by user but a good standard is every ten (10) cure cycles. Excessive use of talc also causes buildup of powder that can negatively affect the pocket or heat mat.

We have been testing for the last year the use of EHL-32 rubber lubricant on the EMTP Heat Mats & Pockets to determine if works in a heated environment. After hundreds of hours and many cycles we have determined the use of EHL-32 is appropriate as a lubricant to the EMTP Pockets & Mats.

The following recommendations are based on our in-house testing and findings:

CONVERTING FROM TALC TO EHL-32 on EMTP Pockets & Mats:

1. Disassemble each pocket and thoroughly clean all talc from the surfaces of the pockets & mats. This may require the use of a stiff nylon cleaning brush or a soap solution. Dry completely.
2. Spray the EHL lube on each surface (*See photo 1.1, page 2*).
3. Spread the excess with a cloth or economy brush to completely spread the lube to an even coat (*See photo 1.2 & 1.3, page 2*). Avoid runs and drips of the lube within the assembly.
4. Allow the water vapor to dry for a couple hours or overnight.
5. Reassemble the pockets and mats and return to active service.

CAUTION – RECOMMENDATIONS:

Use of the EHL-32 before long term storage of pockets & mats is not recommended as the lubricity of the soap and lubricant compounds may totally evaporate and might become sticky.

EHL frequency of maintenance remains at 10 cures per pocket. Any crusting or buildup of the EHL lube should be scrubbed clean before each retreatment.

EHL-32 is a water base, rubber-to-rubber lubricant, without rubber damaging silicone elements.



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Photo 1.1



Photo 1.2



Photo 1.3