

INTERFLON RELIABILITY IMPROVEMENT ALERT

Reapplying Lube EP Following Use of Kilfrost De-Icer

OFFICIAL
Endorsement

Author: Alan Wright
Role: Senior Technical Rail Engineer
Organisation: Interflon Rail



Introduction

During winter operations, Kilfrost de-icer may be used to maintain the functionality of switches. Although it does not degrade the MicPol coating, reapplication of lubricant may still be required as part of routine maintenance.

Key Message

Kilfrost is compatible with Interflon MicPol coatings and does not remove the lubrication layer.

Risks

Failure to prepare the surface before reapplication may result in:

- Reduced effectiveness of the new lubricant
- Contamination remaining embedded in the surface
- Inconsistent lubrication performance

Skipping reapplication where required may lead to:

- Gradual reduction in lubrication performance
- Increased wear over time

Best Practice

- After Kilfrost use:
 - Wipe surface with a **clean cloth** or use a **dry brush**
 - Lightly disturb the surface layer
- Reapply:
 - Lube EP as per standard procedure, using correct quantity and method

Do not:

- Use degreaser unnecessarily

Operational Impact

- Maintains lubrication performance during winter operations
- Ensures effective bonding of re-applied lubricant
- Reduces wear and friction
- Supports consistent and reliable switch operation