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Coolant Dermal Irritation Troubleshooting Checklist

These are meant to assess coolant condition. Each situation may have additional variables that need to be considered. Fuchs Lubricants Co Technical Service can assist in these instances.

PRODUCT CONCENTRATION		
Product within recommended range	☐	No Action Required
Product below recommended range	☐	Increase concentration to recommended range
Product above recommended range	☐	Decrease concentration to recommended range. Discuss with the customer as this is a potential source for dermal irritation.
DIRT LOAD		
Low (<30 ppm)	☐	No Action Required
High (>30 ppm)	☐	Check filtration and discuss with the customer as this is a potential source for dermal irritation.
Unknown	☐	Submit a system sample to Technical Service
METAL SUBSTRATE		
Cobalt (cemented tungsten carbide)	☐	Submit a system sample to Technical Service
Nickel	☐	Submit a system sample to Technical Service
Chromium	☐	Submit a system sample to Technical Service
Zinc	☐	Submit a system sample to Technical Service
Copper	☐	Submit a system sample to Technical Service
pH ANALYSIS		
Below 8.5	☐	Submit a system sample to Technical Service
Between 8.5 and 9.5	☐	No Action Required
Above 9.5	☐	Submit a system sample to Technical Service
POSSIBLE CONTAMINATION		
Coolants	☐	Identify and minimize contamination potential. Submit a sample to Technical Service.
Cleaners	☐	Identify and minimize contamination potential. Submit a sample to Technical Service.
Lubricating Oils	☐	Identify and minimize contamination potential. Submit a sample to Technical Service.
PPE REQUIREMENTS		
Gloves	☐	If no, recommend use where appropriate.
Barrier Cream	☐	If no, recommend use where appropriate.
Protective Sleeves	☐	If no, recommend use where appropriate.
Aprons	☐	If no, recommend use where appropriate.
Non-Abrasive Skin Cleanser	☐	If no, recommend use where appropriate.
Moisturizers	☐	If no, recommend use where appropriate.
HAVE AFFECTED OPERATORS BEEN TRAINED ON APPROPRIATE PACTICES?		
Hygiene	☐	If no, provide training module.
PPE	☐	If no, provide training module.
Treatment	☐	If no, provide training module.

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