

# Tannin™ Has It.

LIONOL 39

tannincorp.com

## COMPOSITION

A highly sulfated oil based on marine and synthetic oils.

## SPECIFICATIONS

|                       |   |
|-----------------------|---|
| Appearance            | Dark amber liquid   |
| Activity              | 70% (± 2)   |
| Charge                | Anionic   |
| Density (Lb/Gal)      | 8.2 (± 0.2)   |
| pH (10% Solution)     | 6.0 – 8.0   |
| Storage Stability     | One year at room temperature.<br>Optimum storage temperature is between 15°C and 30°C.            |
| Freeze/Thaw Stability | Not sensitive to freezing.<br>After freezing heat to 25°C to 30°C and mix well until homogeneous. |
| Lightfastness         | Good  |
| Electrolyte Stability | Good  |
| Emulsification        | Mix before use.<br>Readily soluble in warm water.<br>Emulsify 1:4 at 50°C to 60°C.                |

## KEY PROPERTIES

**LIONOL 39** is an excellent oil for use in making soft, fluffy, lightweight leathers. An excellent co-product for use in making high neutralized, pebbled leathers with a soft, dry feel and lower weight substance.

- Promotes soft leathers of low density
- Excellent fiber lubrication
- Excellent for milled leathers
- Very uniform in milled pebbled formulations

## APPLICATIONS

Recommended usage is 4% to 8% on Blue shaved weight.



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