Tannin CORPORATION

Supplying Chemicals to the Leather Industry Since 1944

AMERICAN LIFESTYLE LEATHERS

HISTORY

Heavy Shoe/Boot Leathers – Full Veg Tan

- Used for working
- Leather degraded by H20, Acids, Salts
- Original fatliquors made from soaps
  - Good grain lubrication, but poor protection from elements

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HOT STUFFING WORK-BOOT

- Developed to help preserve leather by resisting water, acids, and salts found in the workplace, farmland

1. Leather sammed to desired moisture
2. Leather, oils, waxes, greases added to drum-no float!
3. Heat injected through drum melting waxes
4. Physical reaction pushing waxes Into leather-displacing moisture
5. After drying and cooling, waxes become solid inside leather
6. Leather “stuffed” with waxes

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SEMI-STUFFING-AQUEOUS

- Modern process to duplicate hot stuffed leathers
- Faster, more uniform system
- Aqueous based products chemically bonded with leather using charges
- “Semi”-Soluble: systems

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CATIONIC SYSTEM

- Cationic emulsifiers to make waxes and oils

  water soluble

- High melting point waxes 54-62C
- Cationic charge helps to bind with leather
- Once leather is cooled, waxes become solid giving full, round, waxy, feel and touch

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ANIONIC SYSTEM

- Use of anionic waxy oil to help “carry” non-soluble waxes into leather
- Anionic nature gives more uniform distribution of oils and waxes
- Results include more level, cleaner colors

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WET-END PRODUCTS ANIONIC SYSTEM

Lionwax 38 DW

Medium hard stuffing compound

Petroleum based wax & grease

Lionol SC-L-35

Anionic stuffing oil used to help “carry” insoluble waxes into the leather

Round, full, waxy feel with clean uniform color

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WET-END PRODUCTS
WP OILS

- Lionproof WS Economic WP silicone based oil. Eccellent for DIN specs.
- Lionproof SP-1 Silicone Polymer, Hydrophobic Oil
- Lionproof SR-60 Concentrated silicone emulsion
- Lionproof SW Combination silicone polymer with insoluble wax for WP pull-up leathers

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Oil Pull-Up Finishing Heated Roll Coater

- Combination of oils, waxes, and greases to achieve final effect
- Develop full, round, waxy leathers
- Melting point of waxes controls hardness
- Addition of oils for final temper
- Harder wax gives sharper contrast

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Finish Products

- Lionwax 38DW – Insoluble Stuffing Wax
- Lionwax 15 - Hardest, Parrafin Wax

  Darkest, Sharpest Contrast

Lionwax 35 – Soft wax suitable for WP or non-WP

- Lionol FO-288 - Best All-Round Oil
- Lionol FO-300 – Best WP oil to enhance performance

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Finishing Products WaterProof

Lionwax RX-63T

Specially formulated blend of waxes and greases to be applied to waterproof crust.

- Excellent Maser Flexes
- Good Static Water Absorption
- Clean Colors
- Good Filling and Firming

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Finish Products UPGRADE

Lionol FO-NO-3

Unique Synthetic Oil Emulsion

- Excellent Darkening after Plating
- Excellent Defect Hiding!
- Gives smooth, uniform, well laid-out grain

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