



Proper Care of Hard-Working Leather

Huberd's provides waterproofing, durability and breathability for smooth full-grain leathers. Oil or chrome tanned leather accepts Huberd's readily after removal of any factory coating. (Glycerine or Carnauba, wax that are water-soluble, which is often applied for a temporary shine and scuff resistance). A new boot that has a water-soluble coating, should be washed with a soft brush using Huberd's boot and saddle soap and allowed to dry completely before applying Shoe Grease.

Huberd's also protects split, sanded, suede, rough and recycled leather. These materials need the protection of Huberd's for rugged use, but application of Huberd's will change their appearance. As Huberd's coats the exposed fibres and fill surface gaps, these non-top grain materials may become darker and slicker.

Huberd's can also be used on silicone treated leather when the silicone is scuffed and worn off and no longer works. Spray application of Silicon Water Guard is quick, easy, but no silicone can provide the durable waterproofing of Huberd's. When silicone treated boots can no longer resist water, simply scrub the remaining silicone out of the leather with Huberd's' boot and saddle soap. Then, slowly dry them and apply Huberd's according to directions.

Sympatex or Gore-Tex fabric lined boots, must be protected with Huberd's the same, as you would treat them if Sympatex or Gore-Tex were not present. Huberd's does not affect the waterproof lining and the lining does nothing to protect the outer boot from water and other abuse. To benefit from the breathability of the Sympatex or Gore-Tex liners, the inside of the leather must be dry and free of oil, grease, or animal fat so that it can absorb perspiration from the foot. At night, this moisture will evaporate thru the Sympatex or Gore-Tex and pass out of the boot leaving it dry and comfortable for the next day's use.

The Sympatex or Gore line will hold water away from your foot, but Huberd's will keep your boot warmer and lighter by preventing water from being absorbed by the outer layer of the boot or leaking into the space between the leather and the liner. When the leather is wet, it can add 700grams plus to a boot.

Why Huberd's is so good?

The superiority of Huberd's results from the combination of its ability to remain fixed in the outer layer of the leather and the superior water resistance of beeswax & pine tar. Beeswax has a melt point of about 146F. It is very dry and oil free.

Thus once applied it is not only waterproof but also extremely durable.

Huberd's provides just enough lubrication to prevent hardening of leather in typical use; it will soften, waterproof, and help preserve leather.

Similar methods of waterproofing:

Grease, animal fat and oil, including some brands of silicone oil, soak away from the surface and penetrate through the leather. They require frequent re-applications to maintain effective concentration on the surface. After a time the heel support and box toes soften. The leather becomes soft and spongy then the product begins to appear on your socks indicating it has soaked all thru the leather.

Animal fats become rancid, decaying leather and promoting fungal growth until one day the leather is so rotten the eyelets pull out when you lace up your boots. Saturated leather cannot absorb perspiration and loses its insulation value so your foot feels clammy and cold.

With Huberd's, the beeswax & pine tar stays where you need it in the outer surface of the leather. The balance of the thickness remains open and dry for insulation and the absorption of foot moisture. By resisting migration, Huberd's assures that there will be no weakening of thermal or adhesive bonds, a common problem with silicones, and other liquids.

Who can you trust when choosing a waterproofing product?

For obvious reasons, many Boot marketers recommend a waterproofing product with their name on it, even if something else is better. Perhaps the best way to get the right product for a boot is to find a Boot manufacturer that provides a sample of a waterproofing product (one they do not make themselves) in each pair of new boots. Boot manufacturers experience a dramatic reduction in warrantee claims when they encourage customers to care properly for leather boots by providing a compatible product. Huberd's is that product.

Other uses of Huberd's;

Also include the treatment of leather gloves, oiled canvas coats, chaps, belts, hats, and any other wearable leather that is exposed to water.

Industrial environments including acid, alkaline, blood and abrasives can shorten the life of shoes, boots, gloves, aprons etc. These leather items will last longer, clean up easier, and provide better protection if maintained with Huberd's

Equestrians recognize the value of Huberd's for harnesses, saddles, scabbards and all leather protection. Farriers apply Huberd's to hoofs to prevent softening from excess moisture and to prevent brittleness and splitting from excessive dryness.

Independent Testing of Huberd's;

The following represent test results from LASRA (Leather and Shoe Research Association of NZ) an independent testing laboratory based in the Manawatu. The tests are for both water repellence, which is how well the products repels water and vapour permeability which measures the leathers ability (or otherwise) to continue to breathe after it has been treated. Both tests are an important form of measuring the products performance.

Water Vapour Permeability Test;

Test	Method	Results		Requirement	Pass / Fail
		untreated	treated		
Water vapour permeability (mg/cm ² /hr)	AS/NZS 2210.2 : 2000 clause 4.4.6	7.5	6.6	0.8 min	pass
Water vapour coefficient (mg/cm ²)		67	59	20 min	pass

Test concludes that Huberd's passes the industry standard for breathability.
Standard AS/NZS 2210.22000 Clause 4.4.6

Maeser Water Resistance Flex Test;

Test	Method	Results		Guideline
Maeser water resistance (flexes to water penetration)	TM 34	untreated	593	moderate, 1000 to 5000 flexes
		treated	2786	

Test concludes Huberd's greatly increases a leathers ability to repel water

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