

CROSSCUT SAW LUBRICATION



CHAPMAN'S SHARP CROSSCUT SAWS

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It is important to use a lubricant/solvent with your crosscut saw:

- Lubrication makes the saw run more easily in green or dead wood.
- Reduces sawyer fatigue, thus preventing accidents.
- Reduces friction, thus reducing heat, which wears out your saw.
- Prevents build up of pitch from green or dead wood.
- Leaves a fine coat of lubricant on the saw to prevent rust.

“De-Solve It”, an “Orange-sol” product, is an ideal lubricant/solvent:

- It provides great lubrication and solvent properties in wet or dry wood.
- It is biodegradable.
- It is readily available at Ace Hardware stores. Information on line at www.orange-sol.com .
Material Safety Data Sheet (MSDS) also available.
- It will not harm the saw.
- It need not be sprayed as an aerosol, thus poses no hazards to breathing.

Diesel Oil is an ideal lubricant/solvent for crosscut saws:

- It provides better lubrication than the traditional kerosene.
- It is readily available.
- It will not harm the saw.
- It provides excellent lubrication and solvent properties for cutting wood.
- It need not be sprayed as an aerosol, thus poses no hazards to breathing.

Precautions for any lubricant/solvent with crosscut saws:

- Transport in a labeled and unbreakable container such as a backpackers fuel bottle. Spray bottles that products come in can leak.
- Carry the container outside your pack, in a pouch hung from your belt or pack. (Water bottle pouches are ideal.)
- Put small amounts into a labeled 4 – 8 oz squirt bottle and use that to lubricate both sides of the saw as you pull it through the wood. You won't need much. This is more efficient than using the spray bottles that products come in.
- Carry the Material Safety Data Sheet with your JHA (It is readily available where you get your fuel or download from www.msds.com .)
- Wear eye protection, long sleeves, pants and gloves to prevent exposure. This PPE is also required for sawing.
- Be aware that some bears like the taste of diesel. Do not leave it stashed in the field.