

LUNKER HUNTER SPOONPLUGGERS MEETING DECEMBER 7, 2006

“REEL CARE AND MAINTAINANCE”



Jack Clark showing reel maintenance at Lunker Hunter meeting

Jack Clark's December 7, 2006 program title was “**Care and Maintenance of Penn 109s**”, although many of his comments **applied to all types of reels**. He felt that **many people grease and oil their reels too much**, leading to **poor performance** and problems. **Minimal amounts of a fine quality oil (eg 3 in 1) are recommended**. He uses a **needle oiler** to place a **fraction of a drop** in areas needing it, such as the spring-BB spots on a 109. **First**, he says to **clean out the old grease and oil**. This is done using **an old toothbrush** and **clear solvent** that evaporates, such as **white spirits, dry cleaning solvent, or disc brake parts cleaner**. Jack proceeded to quickly disassemble a Penn 109 right there to show us how. All the **old heavy grease and oil will gum up the gears and drags** so things **work poorly** or not at all. He especially emphasized that **the 109 drags should be free of oil**, and when too much oil is put in the oiling holes, it leaks down to the drags, which **causes deterioration of the fiber washers and failure of the drag**. The only part of the 109 that needs a **little more oil** is the **level wind screw**, which is very accessible. Jack **handed out sheets on Penn Reel Parts, Drag Assembly, and creating a smooth drag** (very important in **playing big fish!**). He **recommends we replace the old fiber drag washers with the new Teflon ones**, available on the Internet at: smoothdrag.com, and that we **don't use any grease on a 109**, just a **small amount of light oil**. Parts diagrams are available on that site also. One part besides the drags and level wind screws that **often has**

problems in the 109 is the ratchet gear for the anti-reverse dogleg that wears. He mentioned using a $\frac{3}{4}$ file to flatten and sharpen the gears so they will work again. All were very attentive to this informative program. Thanks, Jack!!

Chase Klinesteker

LUNKER HUNTER SPOONPLUGGERS MEETING MARCH 4, 2011

“REEL UPDATE”

Jack Clark talked about “**Repair and Maintenance of Reels**” at the March 4, 2011 meeting. He brought and demonstrated on a **Penn 109 trolling reel**, but said that **spinning and baitcasting reels could be maintained with the same type care**. He said that **99% of reel problems are due to the use of poor oil**. His most emphasized point was that you should **use a high-quality synthetic oil**. Grease and standard reel oils won't last long and tend to gum up. The oil he recommended is produced by **Quantum** and called “**Hot Sauce**” molecular lubricant. It is available at **Gander Mountain** here in Grand Rapids. It is **more expensive** than regular oil (around \$10.), **but worth it**. It comes with a **needle dispenser**, and they claim it “**bonds molecularly with metal surfaces forming a permanent lubrication layer**”. Jack feels that there is **no need for grease** if this oil is used. He said it is **best to clean off the old oil** and grease from reel parts **first**. He uses a **spray can of WD-40** to **rinse and blow out the old oil**. **Wipe parts clean** if possible or wait for the WD-40 to evaporate, then **apply minimal amounts of synthetic oil with the needle applicator**. **Never over-oil**. **Drag washers** should not be oiled but **kept dry** to function properly, and **drags should be loosened when the reel is not in use to give longer life to the washers**. **Silicone drag washers last the longest**. Jack brought along his extensive collection of **Penn reel parts** and **donated them to the club**. Many thanks to Jack for a great program and his generous donation of parts. We should have no excuses now for reel malfunctions!! If any member has need of a Penn reel part, contact Chase.