

**Project title:** “Research on trial production of lubricants extracted from pangasius to use for ship’s devices”

❖ **Objectives and contents**

1. Studying on chemical and physical properties of the mixture of lubricants extracted from pangasius and additives.
2. Identifying the logical components of the mixture to be able to lubricate and protect the surface of the friction pair.
3. Develop the processes of trial production of lubricants.
4. Trial production of lubricants.
5. Trial using lubricate for the ship’s devices

**Implementation period:** 4/2010 ÷ 4/2011

❖ **Implementation person:**

Eng. Nguyen Van Tam, Faculty of In-Service Training, leader

MSc. Nguyen Thai Vu, Faculty of Transportation Engineering, member

MSc. Phan Quang Nhu, Center of Experiments and Practices, member

❖ **Results:**

1. Production process of lubricants extracted from pangasius to use for ship’s device
2. 3.0 kg of lubricants produced according to above process