

B. & D. ENTERPRISES  
KETCHIKAN, ALASKA

VESSEL—KIRESTEN H.  
TWIN SCREW TUG WITH KORTNOZZLES  
ENGINES VK 149 SERIES GM DIESEL  
LENGTH-80FT.  
CO. NAME-BOYER BARGE LINES  
OWNER-BOYER HALVORSEN

On May 19th in Ketchikan, Ak., Slick 50 was placed in both engines. The vessel was underway at her normal running speed of 1580 turns again within 15 min. The turns increased 21 turns. This was on Graph Tachs. Oil samples were taken but have not been checked yet.

On or about the 18th of June, or one month, they were changing oil and taking out the Slick 50, I called the engineer and talked to him and asked him if he had noticed anything with the engine. He said he had. He told me the engines had previously been burning considerable oil, one had stopped altogether and the other had slowed down. He thought the one was getting diluted by fuel leaks but he could find no leaks. After testing the oil on this change he could find no diesel fuel in the oil so he was satisfied that the Slick 50 was doing its job. I asked him about fuel savings and he thought as near as he could estimate that they had saved 2400 to 3000 gal. in the one month. The first and 2nd oil samples will be processed as soon as possible and on the next oil change an oil sample will be taken again. The operation of these engines are going to be carefully monitored and recorded.

Signed,



Capt. Dan Starkweather  
Licensed Southeastern Alaska Pilot Assoc.