



Picture 1. Northern Eagle. Photo: American Seafoods.

American Seafoods, Seattle USA – Retrofit of diesel and lubrication oil filtration systems

Corporation between GreenOil and American Seafoods stated back in 2018, where American Seafoods asked for the GreenOil solution to retrofit the existing separators which was old, too expensive and too time consuming.

American Seafoods started ordering a lubrication oil system and a diesel system and found it working as promised, more vessels of the fleet have after been installing the GreenOil system instead of the existing separators and has as results removed the separators completely.

As example Northern Eagle has two main engines of Bergen BRM 8, installed 2x GreenOil WP1-P2-750 to clean the lubrication oil.

Sister vessels Northern Jaeger, American Dynasty and Katie Ann has also been equipped with engine lubrication oil filtration and diesel filtration.

As a retrofit case, the return on investment are in these cases all around 4 months. American Seafoods can now rely on a simply and highly efficient filtration system, which are also less time consuming and better from the environmental prospect.

Statement from the Chief Engineer onboard Northern Eagle:

"I really like the units so far. It's a simple concept that works really well. The oil samples come back with no issues. We go through less cartridges than what I expected. The units are very simple to operate, and to service. No tools, or special knowledge needed. No physical contact with the oil, and no mess involved in the process of replacing cartridges. The cartridges can also be disposed in the incinerator, so no issues there.

Very few spare parts will be required to have on hand, other than the consumable cartridges. I can maybe see the need to have a spare pump with motor, a couple of electric heating elements, and a few seals, but this would be a tiny fraction of the inventory needed for the Alfa Laval separators. No expensive, or complicated electronics are involved, thus no need to have expensive replacement electronics as spares.

Crew likes the concept. Very low maintenance, and simple to service.

Otto Galdal, Chief engineer on Northern Eagle"



Picture 2. Northern Eagle with the 2x GreenOil WP1-P2-750 for the Bergen BRM 8 main engines. Photo: Troy Bills.