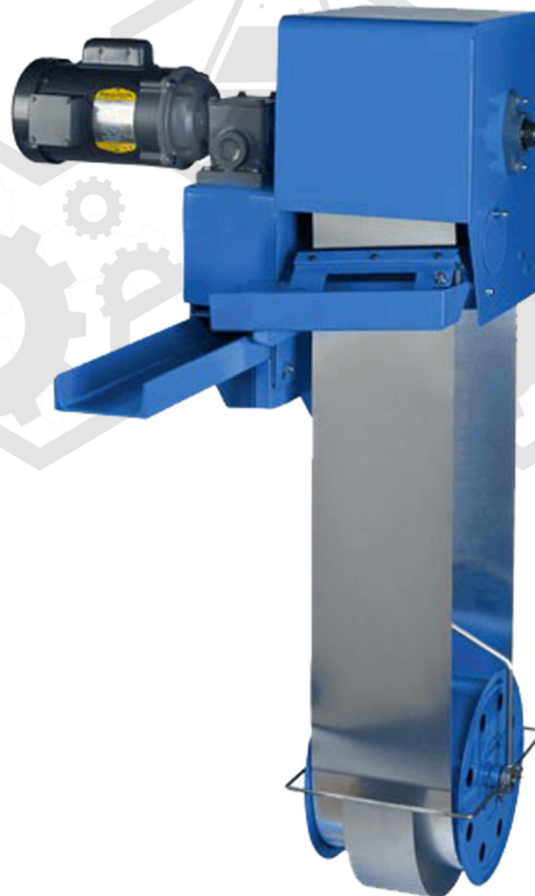


OIL SKIMMER

About

Oil skimmers are pieces of equipment that remove oil floating on the surface of a fluid. In general, oil skimmers work because they are made of materials to which oil is more likely to stick than the fluid it is floating on. At the same time, the fluid has very little attraction to oil skimmers. Oil skimmers are usually all that is necessary to remove oil from a liquid. In some cases, however, oil skimmers may be used to pre-treat a fluid. In this case, the oil skimmers remove as much of the oil as possible before more expensive and time-consuming measures are employed. Pre-treating the fluid with oil skimmers reduces the overall cost of cleaning the liquid.

BELT OIL SKIMMER



Working Principle

Although designs vary, all oil skimmers rely on specific gravity, surface tension and a moving medium to remove floating oil from a fluid's surface. Floating oil and grease cling to skimming media more readily than water, and water has little affinity for the media. This allows skimming media in the shape of a belt to pass through a fluid surface to pick up floating oil and grease with very little water. This oily material is subsequently removed from the media with wiper blades or pinch rollers. Oil skimmers are simple, dependable and effective tools for removing oil, grease and other hydrocarbons from water and coolants. Often, an oil skimmer by itself can achieve the desired level of water purity. In more demanding situations, oil skimming is a cost-effective means of removing most of the oil before using more complicated and costly treatments such as coalesces, membrane filters and chemical processes. Grease skimming involves higher viscosity hydrocarbons.

Product Description

- :: Used for removing un-emulsified oil.
- :: Continuous cleaning operation. Auto belt tensioning.
- :: Ease of maintenance. Single drive. 2 pulley system. Very compact.
- :: Ideal for individual machines and large tanks.
- :: No filters needed. Very low operating cost.
- :: No maintenance cost. Auto belt tensioning.
- :: Suitable for any liquid (excluding chemicals)
- :: Can be made suitable for viscous oil. Robust, compact, and re-locatable.
- :: Can be integrated with existing systems without modifications
- :: Runs on only one drive. Requires lesser power.
- :: Very smooth & silent operation. Occupies less space.
- :: Skimmed can be recycled and used as Lubricant.

Product Specifications

PRODUCT NAME	SPECIFICATION
OIL SKIMMER	Available in following sizes :- 1. 4" belt size. 2. 6" belt size 3. 8" belt size

Contact Us



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