



## Oil Skimmers

### Overview

The solution to oil contamination in industrial coolants is to fit an oil skimmer. For single machine tools the removal of tramp oil in the coolant is achieved by the fitting of an oil skimmer. There are 2 oil skimmer models in our range, disk or belt – see website for details. For a more demanding application we recommend an Oil Separator.

A major contaminant of machine coolants is tramp oil.

Tramp oil usually originates from leaky hydraulic systems, gear boxes, spindles etc. and from total loss slideway lubrication systems, as used on many modern machine tools. The oil accumulates on the coolant surface effectively sealing it from air which creates an environment for rapid growth of micro-organisms.

The results are:

- » Rancidity (Foul smell and rusting problems).
- » High risk of skin problems.
- » General deterioration in coolant performance.
- » Disposal of coolant is an expensive option



### » Belt Skimmers

#### 75 or 130mm wide

- » Standard belts 75 or 130mm (wider belts possible if required)
- » Standard belt drops - 180, 230, 280, 330 & 370mm
- » Special belt drops to 2 metres
- » Oil removal rates up to 4 ltr/hour
- » Easily mounted (can be flush with top of tank)
- » Suitable for temperatures up to 80°C

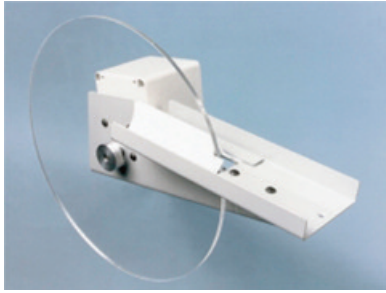
We recommend a belt skimmer if it not possible to use the Disc Skimmer for one of the following reasons:

- » Not enough headroom for the disc. (Usually on tanks located under the machine bed)
- » Coolant level varies outside disc range
- » Tank below floor level

#### Mounting Options

Mounting slot in the skimmer will fit tank sides up to 4mm thick.





## » Disc Skimmers

**Ø220, 300 or 450mm**

The simplest and most effective skimmer for removing tramp oil from small to medium sized tanks. If there is room to fit a disc skimmer and the disc easily reaches the coolant surface and is always immersed by at least 25mm then this is the one to use.

- » Oil removal rates up to 8ltr/hour
- » Easily fitted
- » Low cost
- » High temperature versions available (90°C)



## » Mighty Disc Skimmers

**Ø220, 300 or 450mm**

The inexpensive way to remove unwanted tramp oils from coolants and parts washers, but with all the quality that you expect from Abanaki!

Effective. Removes up to 11/2 gallons of oil or more of medium weight oil per hour.

Compact. Use it almost anywhere a flat surface is available for mounting.

Portable. Weighs less than 10 pounds, installs in no time, and runs on 110v power.

Complete. Put it to work right out of the box, or add the optional coolant saving decanter for a more efficient skimming system.

Standard Features:

- » Available in 12" and 18" diameters
- » 110v fan cooled motor
- » High temperature disk material
- » Quality construction

Optional Features:

- » 24 hour timer
- » Coolant saving decanter

Stainless steel disk skimmers for harsh chemical environments!

Introducing a disk skimmer constructed of stainless steel for those applications where carbon steel may fail. Perfect for parts washers or plating tanks!

