



## Oil Purification Additive and Precoat Filter Performer

### Lucent Alu Treater 74 – Lucent Alu Treater 76

**Oil purification – Standard of the industry**

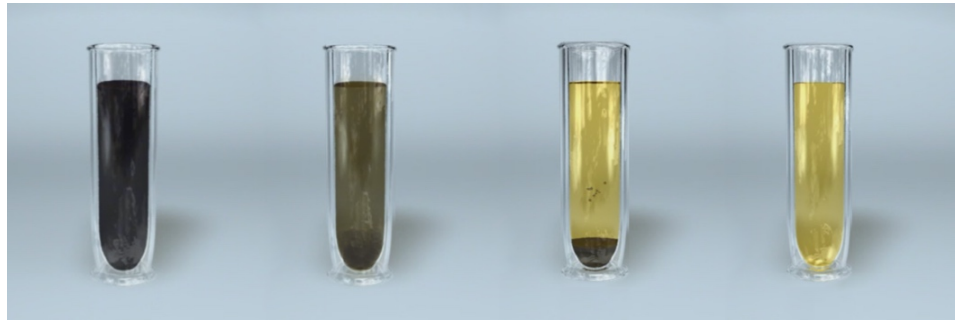
**Increase availability**

**Increase quality**

**Cost effective**

**Safety and Health**

**Environmentally friendly**



Lucent Chemicals AB develop and produce solutions for the manufacturing industry that are using oil in their production process.

Lucent Chemicals AB process and products ensure continuous cleaning and re-circulation of process oils in a safe, healthy and environmentally friendly way. Lucent Alu Treater is range of products that are special developed for purification of oils. To increase performance of the industrial process, Lucent Alu Treater can be used in conventional filter systems.

The line Lucent Treater has shown excellent purification performance on a broad variety of oils, from rolling mill lubricants to oil used as insulators in transformers.

By using Lucent Treater in industrial production, production capacity has increased up to 25%. Production losses decrease up to 80% and waste decreased up to 90% in relation to conventional oil purification. Reduced wear in nozzles and valves has also been observed when using Lucent Alu Treater.

In precoat systems using Diatomaceous earth (Celite®), by adding Lucent Alu Treater it's proved that performance has increased. Life time of the filter system, cleaner oil and reduction of precoat media with 50%.

With Lucent Treater, differential pressure increases in a slower mode and increase the cleaning effect of the precoat media.

Lucent Treater's are environmentally friendly and are available to meet FDA requirements Lucent Alu Treater 76.

The oil that is going to be treated will be analysed by Lucent Chemicals AB ensure compatibility with performance additives prior to treatment. Customers are advised and special adaptations of the Lucent Treater products can be made on request.

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## Lucent Alu Treater 74

Lucent Alu Treater 74 is a collecting phase for particles in mineral oils.

### **Product Features:**

Surface active molecules that are not solved in oils.

### **Ready to use product:**

The product is ready to use. Typical dosage of Lucent Alu Treater 74 is 100-1000 ppm the oil system per day.

### **Applications:**

Remove pollutants as soot, metal particles and water from industrial process oils. Designed to remove pollutants from rolling oil of used in aluminium rolling mills.

### **Environmentally friendly:**

Environmentally friendly.

No transport regulations.

### **Typical Properties:**

Mixture of Carboxylic acid and glycol.

### **Appearance:**

Clear colourless liquid

Specific Gravity @ 20°C g/cm<sup>3</sup> ~1,55

Flash Point (°C) >100°C

### **Health and Safety:**

Regarding safety and health issue, always consult Lucent Chemicals AB to obtain a Material Safety and Health data sheet before handling these products.

Always consult the Material Safety Data Sheet or contact Lucent Chemicals AB before handling these products.

Contact: [info@lucent.se](mailto:info@lucent.se)

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Lucent Chemicals AB reserves the right to change and/or improve the product without further notice.



## Lucent Alu Treater 76

Lucent Alu Treater 76 is a collecting phase for particles in mineral oils.

### **Product Features:**

Surface active molecules that are not solved in oils.

### **Ready to use product:**

The product is ready to use. Typical dosage of Lucent Alu Treater 76 is 100-1000 ppm the oil system per day.

### **Applications:**

Remove pollutants as soot, metal particles and water from industrial process oils. Designed to remove pollutants from rolling oil of used in aluminium rolling mills.

### **Environmentally friendly:**

Environmentally friendly.

No transport regulations.

### **Adapted for FDA-regulations.**

### **Typical Properties:**

Mixture of Carboxylic acid and glycol.

### **Appearance:**

Clear colourless liquid

Specific Gravity @ 20°C g/cm<sup>3</sup> ~1,06

Flash Point (°C) >100°C

### **Health and Safety:**

Regarding safety and health issue, always consult Lucent Chemicals AB to obtain a Material Safety and Health data sheet before handling these products.

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Contact: [info@lucent.se](mailto:info@lucent.se)

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