

Transorfilter

Environmentally friendly cutting oil for filter systems



TRANSORFILTER
www.transorfilter.se **Sweden**

Transorfilter, Cutting oil for filter systems

Transorfilter extra high-performance neat cutting oils based on advanced ester technology from renewable materials.

Transor oil advantages

Extra high-performance neat cutting oils based on advanced ester technology from renewable materials.

Proven of bringing operational, health, safety and environmental benefits.

- Increased tool life
- Low oil consumption
- Reduced filter material consumption
- Reduced oil mist
- Reduced risk of fire
- Good skin compatibility
- Cleaner work environment
- From renewable resources
- Biodegradable



Benefits

Transor oil provides better lubricity due to the strong adsorption of the ester based fluids on metal surface. It forms a strong lubricating film ensuring increased tool life and better surface finish. Unlike mineral oils, esters have a very strong polar characteristic giving a solid bond to metal surface and better lubrication performance than standard mineral oil.

- Very low evaporation rate compared to mineral oil, even synthetic. Not only oil consumption is reduced, but also oil mist is largely diminished, providing a much better work environment.
- Mineral oil, with flash point as low as 110 C for low viscosity products (5-6 mm²/s), can be a source of fire and can quickly cause expensive down time, costly repairs, possible human injury and damage to plant and equipment. Transor oil has a flash point of 30 to 50 C higher than mineral oils of equivalent viscosity, reducing considerably the risk of fires, especially in applications requiring low viscosity oils.
- No labeling needed, no aspiration toxicity with GHSCLP. Whatever the viscosity, high performance esters require no labels element or signal word.

Transorfilter, Technical Data

Physical and Chemical Data (typical)			
Analysis	Method	Unit	Result
Viscosity at 40C°	ISO 3104	mm ² /s	Ca. 5
Viscosity at 25C°	ISO 3104	mm ² /s	Ca. 8
Density at 20C°	ISO 3675	kg/m ³	Ca. 870
Colour	Optical	-	Transparent yellow
Smell	Nasal	-	Mild
Freezing point	Own	°C	Ca. -21°C
Flash point	ASTM D 93	°C	> 180
Packaging	-	Liter	IBC (1000), Drum (200)
Handling and storage	-	°C	+5°C to +40°C

Subject to changes without notice.

