

Transorfilter, Oil



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 GHS-CLP. Whatever the viscosity, high performance esters require no labels element or signal word.

Physical and Chemical Data (typical)			
Analysis	Method	Unit	Results
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
Flash point	ASTM D 93	C	> 180
Packaging	-	Liter	IBC (1000), Drum (200)
Handling and storage	-	C	+5 C to +40 C