

TRIM[®]
Neat Oils



An Innovation in Oil



Master Fluid Solutions is a specialist in the field of metal cutting and grinding operations.

Master Fluid Solutions' philosophy of focusing on research and development, allied with the use of the highest quality raw materials and production methods, ensures its products consistently exceed market expectations.

The TRIM® range of neat oils follow this philosophy.

The range uses the highest quality synthetic and semi-synthetic, hydrocracked base fluids together with carefully selected "intelligent" additives to improve cutting and grinding performance.

The use of these particular base fluids gives the following advantages over standard mineral oil-based products:

- > Vastly reduced oil consumption - lower operating cost
- > Higher flash points - less fire risk
- > Very low or no mist even at high pressures – safer working environment
- > Free from polycyclic aromatics – improved operator safety
- > Very low odour and light colour – better operator acceptability
- > Lower foam – improved cutting and grinding performance

Whether you are superfinishing or gear hobbing, the innovative range of chlorine-free TRIM® neat oils from Master Fluid Solutions will provide you with the best-in-class option.



PRODUCT	VISCOSITY 40°C / CST	FLASH POINT °C	EP	PERFORMANCE FERROUS	PERFORMANCE NON-FERROUS	DESCRIPTION
TRIM® OE105	5.5	170	Yes	★★★★	★★	Very low misting, synthetic oil based product for honing of all materials. Also suitable for very fine machining operations.
TRIM® OG107	7.7	164	No	★★ Carbide	★	HSS and carbide tool grinding oil based on hydrocracked oil and saturated ester. Available only in ITALY.
TRIM® OG108	8.6	198	No	★★ Carbide	★	Grinding oil based on hydrocracked oil and saturated ester. Suitable for grinding HSS & carbide tools as well as grinding of gears. Very low misting.
TRIM® OE209	9.0	200	Yes	★★★ Carbide	★★★★	Very low misting, synthetic oil-based product for machining and grinding of all materials. Particularly suitable for very high-pressure, chip-breaker applications.
TRIM® OG210	10.0	202	Yes	★★★★	★	Grinding oil based on hydrocracked oil, saturated ester and EP additives. Suitable for hard grinding of gears and other form-grinding applications.
TRIM® OE310 NS	10.0	205	Yes	★★★★	★★★★	High lubricity, ester based fluid for machining all materials. Suitable for heavy-duty machining processes where a light viscosity is also advantageous.
TRIM® OE315 NS	15.0	230	Yes	★★★★	★★★★	High lubricity, ester based product for machining of all materials. Especially suitable for heavy-duty machining processes such as deep-hole drilling and broaching.
TRIM® OE220 NS	20.0	230	No	★★★★	★★★★	High lubricity, ester-based product for general machining of steel, aluminium and yellow metals.
TRIM® OE322 NS	22.0	235	Yes	★★★★	★★★★	High lubricity ester-based product for machining of all materials. Proven product for machining of high-strength materials, cast metals and gear machining.
TRIM® OG225	25.3	240	No	★★★★	★★	High performance, Group III hydrocracked oil-based fluid formulated specifically for flute grinding of HSS tools.
TRIM® OE330 NS	30.0	240	Yes	★★★★	★★★★	Very high lubricity and EP containing ester-based oil for the heaviest duty cutting applications. Proven performer in broaching, gear cutting and honing applications.
TRIM® OE335	35.0	>300	No	★★★★	★★★★	Very high lubricity, ester-based product especially suitable for very tough applications such as gear cutting and hobbing. Also for non-cutting metal forming.

★ suitable ★★ good ★★★ excellent



Master Fluid Solutions

Master Fluid Solutions has been in the business of providing the metalworking industry with the highest quality cutting and grinding fluids for more than 60 years.

Master Fluid Solutions was founded in 1951. Since then, working closely with the worldwide metalworking community, Master Fluid Solutions has developed and marketed a full line of speciality cutting and grinding fluids, cutting oils, concentrated washing compounds and rust preventatives all under the TRIM® trademark.

Distributor details:

Master Fluid Solutions
33 Maitland Road, Lion Barn Business Park
Needham Market, Suffolk, IP6 8NZ, UK

T: +44 (0) 1449 726800

E: info@masterfluidsolutions.co.uk

W: <http://www.masterfluidsolutions.com>