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NEW RANGE OF NEAT OILS FROM MASTER CHEMICAL

The new TRIM® TEC™ range of chlorine-free neat oils from Master Chemical uses the highest quality synthetic and semi-synthetic hydrocracked base fluids together with carefully selected additives to improve cutting and grinding performance. Developed in Europe specifically for European manufacturers, the range is comprehensive and provides many advantages over standard mineral oil based products.

These include vastly reduced oil consumption to optimise operating costs, lower fire risk thanks to higher flash points and lower foam for improved cutting and grinding performance. They are all formulated to contribute to a safer working environment and therefore contain no polycyclic aromatics.

Very low or no mist even at high temperatures is a key benefit of two synthetic oils in the range. TRIM® TEC™ OE105 is ideal for honing all materials and in particular for very fine machining operations. TRIM® TEC™ OE209 is a good universal machining and grinding oil but also eminently suitable for very high pressure chip-breaker operations.

Low mist is also a characteristic of TRIM® TEC™ OG108, a grinding product based on hydrocracked oil and saturated ester. Its principal applications are grinding HSS and carbide tools as well as gears. TRIM® TEC™ OG210 is a similar formulation but with EP additives making it ideal for hard grinding of gears and other form grinding applications. TRIM® TEC™ OG217 is the third dedicated grinding oil in the range and its prime purpose is to grind profiles, threads and grooves.

Whilst all oils are chosen for their lubricating qualities, several products in this new range are described as providing high lubricity. These include TRIM® TEC™ OG315 which has unsurpassed oxidation stability and is especially effective in precision lathes. Its sister product TRIM® TEC™ OG315 NS provides similar high performance in heavy-machining processes such as deep-hole drilling and broaching; both are ester based and suitable for all materials.



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In the same family is TRIM® TEC™ OE220 NS for the general machining of steel, aluminium and yellow metals.

Excellent oxidation stability is also a quality of TRIM® TEC™ OE322, a turning and milling saturated ester based product for all materials whilst TRIM® TEC™ OE322 NS is formulated for machining high-strength materials, cast metals and gear machining.

For manufacturers requiring very high lubricity the final oil in this range is TRIM® TEC™ OE335. This ester-based product is especially suited to very tough applications such as gear cutting and hobbing and also for non-cutting metal forming.

“Whether our customer is superfinishing or gear hobbing our TRIM® TEC™ range is formulated to provide them with the best in class option,” explained Master Chemical’s Operations Director Ruth Lucas at the European launch of this innovative range.

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About Master Chemical Corporation: Master Chemical Corporation was founded on November 13, 1951. Since then, working closely with the worldwide metalworking community, Master Chemical Corporation has developed and marketed a full line of specialty cutting and grinding fluids, cutting oils, concentrated washing and cleaning compounds, and rust preventives all under the TRIM® brand trademark. These products are both environmentally sound and when used in conjunction with Master Chemical’s XYBEX® Coolant Recycling and Filtration Systems, are the most durable and stable products available anywhere today. Master Chemical has always been committed to the safety of the people who use our products, the protection of our planet, the environment we live in, and the overall impact on our customers’ profitability. Master Chemical serves customers globally. For further information please contact a local distributor near you <http://www.2trim.us/distributors.php>, call us at (44) + (0) 1449 726800, or visit our website at www.masterchemical.com

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