STARCUT SYNTH XHV 15

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Product Code: MW0715

STARCUT SYNTH XHV 15 is a technically advanced neat cutting and grinding fluid being formulated using an advanced vegetable ester to provide enhanced polar lubrication that also includes extreme pressure additives to further improve product performance. This technology has been designed specifically for use in arduous metal cutting and grinding applications where fluid performance can achieve significant improvements in tool life and surface finish. The use of high viscosity ester synthetic base stocks, advanced lubricity esters, EP and phosphorous additives combine to achieve a high flash point and increased performance and long service life. The low viscosity also provides excellent flushing, penetration and filterability characteristics and due to its low volatility and wetting properties reduces product consumption over conventional oils.

APPLICATION

Used as received for machining and grinding medium to high tensile steel, yellow metals, aluminium alloys and stainless steel. Especially suited for high speed sliding head and multi- slide machines. As the product is formulated using high viscosity index base oils the product can also be used as a lubricating oil where a viscosity of ISO 10-22 is required and therefore can be utilised in automatic machines where cross leakage into gearboxes can occur.

BENEFITS

- Synthetic formulation with a very high flash point, greatly reduces the risk of fire in the event of a tool crash.
- The synthetic ester formulation greatly assists the dispersal of heat away from the machine tool.
- Chlorine free, non active EP additive package.
- Extended tool life, increased cutting speed and improves productivity.
- Compatible for use with yellow metals withoutstaining.
- Good workpiece visibility.
- Excellent operator acceptability, low misting.

TYPICAL PROPERTIES

Appearance	Very pale straw		
Specific Gravity @ 15.6°C	0.848		
Kinematic Viscosity @ 40°C	15.0 cSt		
Copper Corrosion Test	1a Flashpoint	> 200°C Sulphur	Yes
Chlorine	No		
Ester	Yes		

HEALTH & SAFETY

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.

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