STARCUT SYNTH 12

Last Updated: 09.01.2025
Product Code: MW0707

STARCUT SYNTH 12 is formulated using high VI hydrocracked base stocks and utilises advanced additive technology to achieve a high flash point and increased performance. The combination of chlorine free advanced lubricity esters, EP and phosphorous additives together with substances to reduce mist, oxidation and improve corrosion protection ensures this high performance low viscosity oil has a long service life

APPLICATION

Used as received for machining 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. The product will tolerate ingress of other lubricating oils in automatic machines where cross leakage from gear and hydraulic systems can occur.

BENEFITS

- High VI hydrocracked formulation with a high flash point, greatly reduces the risk of fire in the event of a tool crash.
- The synthetic ester combination 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	Amber Fluid
Specific Gravity @ 15.6°C	0.841
Kinematic Viscosity @ 40°C	12 – 14 cSt
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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