

DST Cut S

High performance synthetic cutting oil

Typical characteristics				
Name	Method	Unit	DST Cut 13	DST Cut 23
ISO viscosity grade	–	–	13	23
Density at 15° C	ASTM D4052	kg/m ³	851	863
Kinematic viscosity at 40° C	ASTM D445	mm ² /s	13.2	23.4
Kinematic viscosity at 100° C	ASTM D445	mm ² /s	3.32	4.78
Viscosity index	ASTM D2270	–	126	127
Flash point – open cup method	ASTM D92	°C	180	190

DST Cut S is our synthetic cutting oil range developed to provide best possible performance with Double Separation Technology (DST).

The products are optimized to be fully compatible with the DST process, minimizing environmental impact.

DST Cut S oils are based on synthetic base oils enhanced with carefully selected additives to obtain the following properties:

- Fully adapted to the DST process
- Very good lubrication
- Excellent surface finish
- Low wear
- Easy filtrated with good rinsing properties
- Low mist formation
- Does not discolour Copper

Application

DST Cut S is recommended for all chip forming operations in iron, steel, aluminium, and yellow metals. The synthetic base oils in combination with the carefully selected additives provide extremely good lubrication, resulting in minimal wear and extended tool life. When combined with the DST treatment, the oil can be used repeatedly with minimal environmental impact and heavily reduced CO₂ consumption.

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