



Technical Data sheet

ILS DURAGUARD 482

High performance neat cutting oil

Description

ILS DURAGUARD 482 is a medium viscosity, chlorinated neat cutting oil.

Typical Applications

ILS DURAGUARD 482 is designed for general machining, grinding and broaching of cast iron to high alloy steels and non-ferrous metals.

Advantages

- Advanced additive technology gives high extreme pressure (EP) lubricity properties and lowers production costs through extended tool life.
- Improved surface finish and increased cutting speeds leads to improvement of process efficiency
- Multi-metal machining using our superior additive technology provides opportunity for product consolidation

Typical Properties

Name	Method	Units	DURAGUARD 482
Density at 15°C	ASTM D1298	kg/m ³	882
Appearance	Visual	-	Clear & Bright amber oil
Viscosity @ 40°C	DIN 51562	mm ² /s	19
Flash Point, COC	ASTM D92	°C	198
Copper Corrosion, 3hrs @ 100°C	ASTM D130	Rating	1 b

Additional Information

	Cast Iron	Low-Medium Alloyed Steel	High Alloyed Steel/Nickel Chromium Alloys	Aluminium Alloys	Yellow Metals
Grinding	X	X	X	X	X
Drilling			X	X	X
Broaching/Gear Manufacturing	X	X		X	X
General Machining	X	X	X	X	X

Note: Subject to usual manufacturing tolerances.

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