



## Technical Data sheet

# ILS DURAGUARD 534

High performance neat cutting oil

## Description

ILS DURAGUARD 534 is a medium viscosity, chlorinated, high performance neat cutting oil.

## Typical Applications

ILS DURAGUARD 534 has been designed for drilling and deep hole drilling of steels, stainless steel and difficult steel alloys such as inconel. This product contains active sulphur and is not compatible with yellow metals.

✓✓ suggested core application

✓ possible application, please consult ILS representative prior to use

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

## 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
- Economic product suitable for a wide range of machining applications

## Typical Properties

Name	Method	Units	DURAGUARD 482
Specific Gravity @ 15°C	ASTM D1298	kg/m <sup>3</sup>	886
Appearance	Visual	-	Amber
Kinematic Viscosity @ 40°C	ASTM D445	mm <sup>2</sup> /s	15
Flash Point - open cup method	ASTM D92	°C	>150
Copper Corrosion, 3hrs @ 100°C	ASTM D130	Rating	4 c

**Note: Subject to usual manufacturing tolerances.**

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