



INDUSTRIAL
LUBRICANTS &
SERVICES LIMITED

Technical Data sheet

ILS DURAGUARD 201

A Neat General Purpose Non Staining Metal working fluid

Description

ILS DURAGUARD 201 is a general purpose neat metalworking fluid based on highly refined mineral oils and extreme pressure additives providing exceptional machining performance.

Typical Applications

ILS DURAGUARD 201 is suitable for use with a variety of machining operations utilizing a wide range of metallurgies including ferrous, non-ferrous, stainless steel, cast iron, aluminium, and copper.

Suitable for use in applications requiring a high degree of lubricity & extreme pressure performance including tapping reaming and threading.

A truly multipurpose long service life fluid suitable for use in single sump or centralized systems.

Benefits

- Process efficiencies through improved finish and increased speeds
- Long Fluid Life
- Low foaming
- Bio-stable
- Extended tool life

Recommended Applications

MATERIAL	Cast Iron	Low tensile Steel	Stainless/High Tensile Steel	Copper Alloys	Aluminium Alloys
OPERATION					
Turning	X	X	X	X	X
Drilling	X	X	X	X	X
Milling	X	X	X	X	X
Reaming	X	X	X	X	X
Tapping	X	X	X	X	X
Threading	X	X	X	X	X

Typical Characteristics

Concentrate	Test Method	Typical Properties
Appearance	Visual	Pale Amber Liquid C&B
Density @ 15 °C	ASTM D1298	.869
Kinematic Viscosity @ 40°C (cSt)	ASTM D445	25
Copper Corrosion, 3hrs @ 100°C	ASTM D130	1b
Flash Point COC (°C)	ASTM D92	>150°

Note : Data is typical and does not constitute a specification