



STRIBECK ADDICHEM

PRODUCT DATASHEET
STRILUBE® 2130

EMULSIFIER PACKAGE FOR SEMI-SYNTHETIC METAL WORKING FLUIDS

Strilube® 2130 is a semi-synthetic emulsifier package renowned for its exceptional performance and cost-effectiveness. Ideal for wide range of moderate machining and grinding tasks, it excels in applications involving cast iron, all ferrous and its alloy metals. Strilube® 2130 ensures optimal machining conditions, providing reliability and efficiency in industrial operations.

Key features:

- 🌊 Superior hard water stability for consistent performance in challenging water conditions
- 🌊 Excellent cast iron, all ferrous and its alloy metals corrosion inhibition.
- 🌊 Excellent emulsification of base oils
- 🌊 Good defoaming properties.

Physio-chemical properties

Tests	Test Method	Results
Appearance	Visual	Clear liquid
Colour	Visual	Amber
Density at 29.5°C	ASTM D-1298	1 g/ml
Viscosity @40°C	ASTM D-445	200 cSt (typical)
Acid number	ASTMD-664	60 mg KOH/g (typical)

Applications:

Strilube®2130 is a high-quality solution crafted to deliver a diverse selection of water-based metalworking fluids renowned for their superior corrosion inhibition properties.

Strilube® 2130 can be employed in various metal operations including grinding, milling, cutting, drilling, bending forming etc because of its excellent performance.

Some guidelines & their performance data with Strilube® 2130.

NAPHTHANIC MID OIL 25% WITH STRILUBE 2130:

1	N 22	25
2	STRILUBE 2130	30
3	DM WATER (FINISHED)	44.94
4	FOAM BAN 970 (SFG)	0.06
	Total	100

Performance Data for 25% naphthenic base oil

<i>PARAMETERS</i>	<i>RESULTS</i>
Appearance <i>Visual</i>	Clear yellow fluid
Stability at 0°C, 50°C & Room temp. <i>Visual</i>	Stable

Testing Parameters of 5% emulsion:

Appearance	Translucent
Hard water stability	Stable up to 500 ppm
pH Value	9 to 10
Break Point % (IP287)	3%
RI Value	1.65
FOAMING TEST (DM WATER)	15 secs.

PARAFFINIC MID OIL 35% WITH STRILUBE 2130:

1	SN 150	27
7	CPW 52	5
3	STRILUBE 2130	30
4	DM WATER (FINISHED)	37.04
5	LAURYL ALCOHOL	0.9
6	FOAM BAN 970 (SFG)	0.06
	Total	100

Performance Data for above formulation:

PARAMETERS	RESULTS
Appearance <i>Visual</i>	Clear yellow fluid
Stability at 0°C, 50°C & Room temp. <i>Visual</i>	Stable

Testing Parameters of 5% emulsion:

Appearance	Semi-Translucent
Hard water stability	Stable up to 500 ppm
pH Value	9 to 10
Break Point % (IP287)	2.5%
RI Value	1.5
FOAMING TEST (DM WATER)	10 secs.

Note: Performance data is summarized after several repetitive tests on the same formulation. Actual results may vary based on the test conditions and equipment used.

Packing: 200 Kg close head drum

Storage conditions: Store in a cool, dry place away from any direct source of heat and moisture. Maximum recommended storage temperature: 50°C

Solubility: Soluble in petroleum base stocks and most common solvents. Emulsifiable in water. However, it is recommended to verify the solubility in the base oils used and the compatibility with other additives.

Shelf life: Best if used within 12 months from the date of manufacture.

Manufactured by:

STRIBECK ADDICHEM

Email: lab@stribeckaddichem.com

Web: www.stribeckaddichem.com

Revision:02/31012025