



STRIBECK ADDICHEM

PRODUCT DATASHEET

STRILUBE® 2050

EMULSIFIER PACKAGE FOR SEMI-SYNTHETIC METAL WORKING FLUIDS

Strilube® 2050 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 Aluminium, cast iron, all ferrous and its alloy metals. Strilube® 2050 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	120-160 cSt
Acid number	ASTMD-664	40-50 mg KOH/g

Applications:

Strilube® 2050 can be employed in various metal operations including grinding, milling, cutting, drilling, bending forming etc because of its excellent performance.

Guideline formulation:

1	DM WATER	49.94
2	STRILUBE 2050	50
3	STRILUBE DEFOAMER	0.06
	Total	100

Performance Data for above formulation:

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

Testing Parameters of 5% emulsion:

Appearance	Milky white
Hard water stability	Stable up to 1000 ppm
pH Value	9 to 10
Break Point % (IP287)	2.5%
RI Factor	1.8
Foaming Test (DM Water)	20 sec

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. 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