

LUBRAL CUTTING HS-510 S

CUT OIL

DESCRIPTION

LASA CUT HS-510 S is a paraffinic oil used for ferrous materials in severe operating conditions, with extreme pressure properties. It is formulated for cutting metals and hard steel alloys at high and low speeds, extending the life of tooling.

BENEFITS

- Avoids excessive shavings and metallic dust accumulation.
- Prolongs tool's life due to its reinforced additives.

- Keeps adequate work temperature.
- Good lubricity and extreme pressure characteristics.
- Do not use in bronze, copper and brass machined.

APPLICATIONS

It is recommended for machining on automatic or semi-automatic revolving lathes of hard and stainless steels and / or on medium and low carbon steels.

Also recommended in steel machining, threading, drilling, brushing, forming, thinning.

In machining of screws in automatic machines of medium, hard and stainless steels.

CHARACTERISTICS

TESTS	TEST METHOD	TYPICAL VALUE
Color	Visual	Amber
Appearance	Visual	Bright
4 balls Weld point, kgf	ASTM D-2596	250
Density @20°C, g/ml	ASTM D-1298	0.88
Kinematic Viscosity @ 40°C, cSt	ASTM D-445	34
Kinematic Viscosity @ 100°C, cSt	ASTM D-445	5.58
Viscosity Index	ASTM D-2270	113
Flash point COC, °C	ASTM D-92	190
Pour point, °C	ASTM D-97	-15
4 balls wear, mm	ASTM D-4172	0.83

Typical Characteristics are those obtained with normal tolerance of production and no constitute a specification. Variations that do not affect the yield product during the normal manufacturing and on different mixing locations are expected.

Information contained in this document is held to changes without previous advisement. The availability of the products could vary depending on the location. For further information, contact venta@lubral.com