



BROACHING OIL
MOTOROL BROACH OIL



Introduction:

MOTOROL Broach oil is specialized non staining type neat cutting oil having very high refined base oil with very high oiliness properties due to presence of fatty material. Possess good foam release ability which prevent overheating of work piece thereby eliminates possible chances of metal distortion.

Applications:

MOTOROL Broach oil is recommended for flute grinding of drills, reamers and various types of farm grinding tools. This oil is also suitable for gear cutting, hobbling and high speed metal working operations. This oil can be used on both ferrous and non ferrous metals.

Advantages:

- ◆ Very high oiliness properties
- ◆ Foam release ability
- ◆ Prevents distortion
- ◆ Non staining type

Performance Standard:

Proprietary grade

Typical Specifications:

Sr. No.	Characteristics	Test Methods	Typ. Value
1	Appearance	Visual	Clear Liquid
2	Kinematic Viscosity at 40 °C, cSt	ASTM D 445	16-17
3	Flash point, °C Min	ASTM D 92	180
4	4 Ball weld EP load, Kg Min	ASTM D 2783	1200
5	Sulphated Ash % , Max	-	0.01
6	Chlorine	-	Present
7	Fat	-	Present
8	Sulphur	-	Present

Environment, Health & Safety:

Every care has been taken to ensure the accuracy of the information in this PDS. This however may be affected by subsequent improvement in product (R&D). MSDS is available for all MOTOROL products on request.

MOTOROL products are unlikely to present any health and safety hazard with proper use for the correct application and maintain proper personal hygiene. Do not Spill oils on the shop floor, discharge into drains ,ground or water sources.