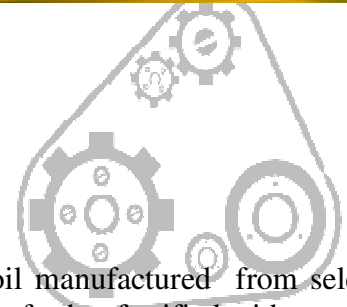




**WIRE DRAWING OIL
MOTOROL RINDRAW AL 290**



Introduction:

MOTOROL Rindraw AL 290 is conventional superior performance aluminium drawing oil manufactured from select base oil and additives with extreme pressure, anti - oxidant and anti -rust additives. This oil is further fortified with special grade fatty oils for improving the wetting characteristics during metal drawing operation.

Applications:

- Recommended for deep drawing of aluminium wire and high speed drawing.
- Suitable for use as wire drawing lubricant with different class of dies.

Advantages:

- Bright wire surface, good protection against oxidation
- Maximum drawing rates on single-wire, multi-wire strand
- Good anti rust and anti corrosive property to ensure good quality of metal after drawing.
- Good heat dissipation property.
- Provides excellent lubricity combined with a high rinsing and cleaning power.

Performance Standard:

Proprietary grade

Typical Specifications:

Sr. No.	Characteristics	Test Methods	Typ. Value
1	Appearance	Visual	Clear Liquid
2	Colour	ASTM D 1500	5 Max
3	Kinematic Viscosity at 100 °C, cSt	ASTM D 445	21
4	Kinematic Viscosity at 40 °C, cSt	ASTM D 445	250
5	Flash point °C, Min	ASTM D 92	250
6	Copper Corrosion	ASTM D 130	Passes
7	Saponification Value, mg KOH/g	ASTM D 94	18 - 20

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.