



**SPECIAL GRADE HYDRAULIC OILS
MOTOROL AROHY 3/15/24/32**



Introduction:

MOTOROL AROHY grades are manufactured from high viscosity base oil which is refined and further fortified with additives required for good quality hydraulic oils. The main characteristics of Motorol Arohy is that in case of leakage of hydraulic oil from the system, a problem which cannot be avoided during operation of the system, the roll coolant as well as the roll metal is not affected.

Applications:

Recommended for high, medium and low pressure hydraulic systems for rolling operation of non ferrous metal like:

- Aluminum
- Copper
- Brass

Advantages:

- ◆ Compatible with rolling lubricants
- ◆ Minimizes the brown stain in an event of contamination with the rolling oil
- ◆ Have good anti-rust, anti-oxidant and anti-wear properties
- ◆ Resists damage to gaskets in hydraulic installations
- ◆ Excellent demulsifier
- ◆ Maintains uniform viscosity at various temperature
- ◆ Low ash content
- ◆ Doesn't leave any gummy residue after annealing

Performance Standard:

Proprietary grade

Typical Specifications:

Sr. No.	Characteristics	Test Methods	3	15	24*	32
1	Appearance	Visual	Clear Liquid	Clear Liquid	Clear Liquid	Clear Liquid
2	Colour , Max	ASTM D 1500	0.5	0.5	0.5	0.5
3	Kinematic Viscosity at 40 °C, cSt	ASTM D 445	2.8-3.5	13.5-16.5	20-26	28.8-35.2
4	Viscosity Index, Min	ASTM D 2270	100	100	100	100
5	Flash point °C, Min	ASTM D 92	90	120	120	150
6	Acidity mg KOH/g, Max	ASTM D 974	0.01	0.01	0.01	0.01
7	Aluminum Stain Test	-	Passes	Passes	Passes	Passes
8	Rust Test	ASTM D 665	Passes	Passes	Passes	Passes

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.