

HYDRO AMIDE- (Hydrocut – d - 10)

Product description

It is an anticorrosion additive used in metal working fluid. It also acts as emulsion stabilizer .this is non-ionic emulsifier so it is effective to make emulsion under hard water.

It also used in anticorrosion additive for cutting oil, synthetic, and semisynthetic formulation.

Its other advantage is gives lubricity to to metal working fluids.

This is prepared by reaction of diethenolamine 99 % pure and olic acid having titir value 22-25

Under closed reactor having temp 80-90 c .

To maintain more ph. higher value of amine than molar value is necessary.

Process time 4 to 6 hrs.

Quality parameter tested in lab

1-	Appearance	-	clear amber
2-	Density	-	0.935
3-	Viscosity at 40	-	290 cst
4-	Acid value	-	10.5
5-	Ph. 2 % in water		8.5
6-	Amine value		110
7-	Solubility in naphthenic oil		soluble
8-	Solubility in paraffinic oil		soluble
9-	Solubility in heavy alkylate		soluble

Packing :- 50 / 200 kg