

Eastto Syn Gr Fluids

INTRODUCTION : EASTTO SYN GR FLUIDS 2, 5 & 12 are solution type water soluble synthetic grinding fluids. They are supplied in a concentrated form and are to be diluted with water in a suitable ratio. They are free from any mineral oil or fatty matter. These products are economical with good cooling and remarkable antirust properties when applied in grinding and other high speed machining operations.

APPLICATION : EASTTO SYN GR FLUIDS 2, 5 & 12 are specially recommended for grinding of ferrous metals, especially for grinding of open grain cast irons which tends to rust quickly after Machining. EASTTO SYN GR FLUIDS 2, 5 & 12 is recommended for grinding operations of non alloyed steel, nickel chromium steels, and titanium alloys. These are also used for grinding aluminum, zinc, copper or magnesium alloys, tin or cadmium coated parts. etc Dilution range for the products vary from 1:40 min. to 1:100 max. Higher concentrations than required do not give production benefits but may lead to slight discoloration of workers skin.

PERFORMANCE LEVEL : Besides rendering remarkable antirust properties, EASTTO SYN GR FLUIDS 2, 5 & 12 give longer service life to grinding wheels and good ground finish. They do not emanate obnoxious odour even when machine is shut down and fluid is not kept in circulation as they are not attacked by bacteria. The solution maintains the clarity throughout the service period. They remove grinding debris quickly and keep the wheel exceptionally clean. They do not give skin irritation when used in proper dilution range.

PERFORMANCE STANDARDS : EASTTO SYN GR FLUIDS 2, 5 & 12 meet IS: 11186 -1985 reaffirmed March, 2002 standards

TYPICAL PROPERTIES

CHARACTERISTICS	EASTTO SYN GR FLUIDS 2	EASTTO SYN GR FLUIDS 5	EASTTO SYN GR FLUIDS 12
Appearance of 10 % volume in Distilled Water	Clear liquid with Green Fluorescence	Clear liquid with Green Fluorescence	Clear liquid with Green Fluorescence
Density at 15°C, gm/ml	1.200 (typical)	1.220 (typical)	1.260 (typical)
pH of 2 % Volume in Distilled Water	9.50 (typical)	9.50 (typical)	9.50 (typical)
Appearance of 10 % volume in Distilled Water	Passes	Passes	Passes

PACKING: 210 Litres Drums



Eastern Petroleum Private Limited

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