

## PRODUCT DATA SHEET

**PRODUCT:** EASTTO SYN GR FLUIDS 2, 5, 12

**INTRODUCTION:** EASTTO SYN GR FLUIDS are water soluble synthetic grinding fluids. It has been specifically formulated to allow rapid fines separation and to minimize the occurrence of sticky residues and is a major advance in fluidity and mobility of residual film. It contains corrosion inhibitor to protect the parts from the corrosion. Its excellent lubricity improves the life of grinding wheels.

**APPLICATION:** EASTTO SYN GR FLUIDS are used for grinding of cast - iron and steel. It is also recommended for drilling, Turning, Milling, Surface grinding and Reaming operations and also in machining tool industry like Radial drilling machine, Conventional lathe, CNC machining centers and CNC rotating tool holder. The dilution range for the products varies from 1:40 to 1:100.



Grinding operations of none alloyed steel, nickel chromium steels, and titanium alloys.

**PERFORMANCE:** EASTTO SYN GR FLUIDS are proprietary product

### TYPICAL PROPERTIES

CHARACTERISTICS	EASTTO SYN GR FLUIDS 2	EASTTO SYN GR FLUIDS 5	EASTTO SYN GR FLUIDS 12
Appearance	Clear liquid with Green Fluorescence	Clear liquid with Green Fluorescence	Clear liquid with Green Fluorescence
Density at 15°C, gm/ml	1.20	1.22	1.26
pH of 2 % in Distilled Water	9.50	9.50	9.50
Cast iron corrosion test in 1:40 Distilled Water	Passes	Passes	Passes

**PACKING:** 210 kgs Drums.

**Date of issue** : 18.05.2010

**Date of revision:** 04.08.2016

**PDS No.** 05.10.05 – 05.10.07

These Characteristics are typical of current production while future production will confirm to **EASTERN PETROLEUM PVT. LTD.** Specification variation in these characteristics may occur.

