



GANESH BENZOPLAST LTD.

EXTREME PRESSURE ADDITIVE – GL 1315

TECHNICAL DATA SHEET

INTRODUCTION

GL 1315 is a light colored, 40% sulfur-containing additive with high sulfur activity.

FORMULATION

GL 1315 is recommended at 2% to 10% by weight in paraffinic or naphthenic oils to formulate a wide variety of ferrous metal cutting fluids.

PERFORMANCE:

GL 1315 is a versatile component which can be used to formulate a wide variety of industrial fluids. It is a high sulfur extreme pressure agent for gear oils, metalworking fluids, and hydraulic fluids. It has been developed to provide excellent performance in machining tough ferrous alloys as well as mild steel and cast iron in such operations as:

Milling
Drilling
Tirmomg
Grindomg
Light and medium-duty broaching
Thread cutting
Tapping

TYPICAL PROPERTIES

Physical

Specific Gravity @ 15.6°C(60°F)	1.05
Viscosity @ 40°C	40
Viscosity @ 100°C, cSt	5.8
ASTM Color, Neat	3.5 max

Chemical

Weight Percent of:

	Minimum	Maximum
Sulfur	38.5	43.0



GANESH BENZOPLAST LTD.

EXTREME PRESSURE ADDITIVE – GL 1315

SPECIFICATION SHEET

TEST	PROCEDURE	MIN	MAX
Appearance	VISUAL	Yellow Clear Liquid	
Viscosity @ 100° C., cst	ASTM D 445	4	7
Specific Gravity @ 15.6° C	GL-GR-1	1.04	1.09
Color, ASTM Dilute	ASTM D 1500	2	4
% Water	ASTM D 95		0.5
Blot	CLARK CLAR	PASS	PASS
Clarity	CLARK CLAR	PASS	PASS
Sulphur	GL-Su-6.	38.5	43