



GANESH BENZOPLAST LTD.

HEAVY DUTY ENGINE OIL ADDITIVE OIL (GL6925)

TECHNICAL DATA SHEET

INTRODUCTION

A multifunctional additive to be used in the formulation of heavy duty gasoline and diesel engine crankcase lubricants.

FORMULATION

Recommended at:

1.5.0 to 12.0% by weight

in suitable base oils to product 10 TBN single and multigrade lubricants meeting the requirements of MIL-L-2104D, MIL-L-46152B, API CG 4, API CH 4, and Daimler-Benz sheet 227 SPECIFICATION SHEET.

GL 6925 is a performance package for the formulation of single and multigrade heavy duty diesel oils with Gasoline engine capability. Rationalisation is possible to both higher and lower performance levels.

Performance Level	SAE Viscosity Grade	GL 6925, mass%
CF	30,40,50,10W,20W	7.1
CF, SF, MB	30,40,50,20W	7.1
CD, SE	15W40, 20W40, 20W50	6.7
CD, SE	30,40,50,20W	6.7
CC,SE	15W40, 20W40, 20W50	5.3
CC,SE	30,40,50,20W	5.3
CC,SD	30,40,50,20W	4
CC,SC	30,40,50,20W	3.9
CB,SC	30,40,50,20W	3.6
SB	30,40,50,20W	1.4

INSPECTION

CHARACTERISTICS:

Specific Gravity @ 15.6 ° C (60°F)	0.98
Viscosity @ 100°C, cSt	145



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SPECIFICATION SHEET

Property	Test Method	Typical
Appearance	Visual	Brown viscous liquid
Density at 15C, kg/m ³	ASTM D 4052	1012
Flash Point (PM), C	ASTM D 938	110 min
Viscosity at 40C, cSt	ASTM D 445	3100
Viscosity at 100C, cSt	ASTM D 445	145
Boron content, mass%	ASTM D 5105	0.1
Magnesium content, mass%	ASTM D 4628	2.94
Nitrogen content, mass%	ASTM D 5291	0.57
Phosphorus content, mass%	ASTM D 4927	1.8
Zinc content, mass%	ASTM D 4927	1.98
TBN , mg KOH/g	ASTM D 2896	142.57
Mineral Oil content, mass%	Calculated	39
Sulfated ash, ,ass%	Calculated	18.2