



## LubenzAdd® 445

### Polyisobutylene Succinic Anhydride (PIBSA)

#### ❖ PRODUCT INTRODUCTION:

LubenzAdd 445 is an excellent polyisobutylene (Mn=1300) succinic anhydride used for the formulation of High performance lubricant ashless dispersants and other additives.

#### ❖ PRODUCT QUALITY CHARACTERISTICS & TEST METHOD:

PROPERTIES	TEST METHOD	TYPICAL VALUE
Appearance	Visual	Viscous Liquid.
Colour	ASTM D 1500	Dark Amber
Specific Gravity @ 15.6°C (g/cm <sup>3</sup> )	ASTM D 1298	0.91-0.93
Flash Point in °C	ASTM D 93	>150
Viscosity@100°C (cSt)	ASTM D 445	1800 min
Total Acid Number	ASTM D 644	80-100

#### ❖ PRODUCT STORAGE / HANDLING / TRANSPORTATION / PACKAGE.

The Storage temperature should not exceed 50°C the loading / unloading and blending temperature should not exceed 60°C. It is not flammable, not explosive, not corrosive, in the items of safety, environment protection etc. it is normal petroleum product, with no special protection. The product packed with 200 Kgs drums and 50 kgs carbos.

#### ❖ SAFETY AND HANDLING INFORMATION:

For further information, please refer to relevant MSDS