



## LubenzAdd® 554

### THERMIC AND QUENCHING OIL ADDITIVE

❖ **PRODUCT INTRODUCTION:**

LubenzAdd 554 is a premium quality multifunctional thermic and quenching oil additive. It has highly effective oxidation and thermal decomposition inhibitors that eliminates sludging, staining and increase self-life significantly. LubenzAdd 554 provides excellent heat transfer control during quenching and can be used in mineral type quenching oils. This additive provides desired hardness in both surface and core hardening.

❖ **RECOMMENDED DOSAGE:**

Thermic Fluid	<b>0.5%</b>
Quenching Oil	<b>0.5% - 3.0%</b>

❖ **PROPERTIES:**

1. Long Life
2. Lower Carbon Deposits
3. Reduced sensitivity to variable agitation effect
4. Excellent heat transfer characteristic
5. High Flash point minimizes the danger of fire and smoke formation

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

PROPERTIES	TEST METHOD	TYPICAL VALUES
<b>Appearance</b>	Visual Inspection	Dark Brown Clear Liquid
<b>Nitrogen content, %wt</b>	ASTM D4951	1.2
<b>Flash Point</b>	ASTM D92	Min 170
<b>Copper corrosion@ 100°C 3hrs</b>	ASTM D130	1b
<b>Kinematic Viscosity, cSt at 40°C</b>	ASTM D 445	88

❖ **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, and not corrosive, in the items of safety, environment protection, use, etc. it is normal petroleum product, with no special protection. The product is packed with 200 kgs Iron / HDPE drum and 50 Kg Carbo or according to user's requirement.

❖ **SAFETY AND HANDLING INFORMATION:**

For further information, please refer to relevant MSDS