



# YALUB – 44 – MBC

**4,4' – methylene bis ( dibutyl dithiocarbamate)**

CAS No : 10254-57-6

Molecular Formula : C<sub>19</sub>H<sub>38</sub>N<sub>2</sub>S<sub>4</sub>

Molecular weight : 422.77

## **SALES SPECIFICATIONS:**

PARAMETER	UNIT	REQUIREMENT
Appearance	NA	Dark Amber Liquid
Density @ 25°C	gm/ml	1.05 – 1.07
Viscosity @ 40°C	cSt	340 – 400
Sulfur Content	%	28.5 – 32.0
Nitrogen Content	%	6.1 – 7.3
Solubility	NA	Generally Soluble in petroleum and lubricant base oils. Insoluble in water
Water Content	%	0.2 Max.

## **APPLICATION & USES**

- ❖ YALUBE-44, MBC, is an Ashless dithiocarbamate ideally suited for formulating antimony-free, lead free lubricants, greases and metal working fluids.
- ❖ It offers, extreme pressure, anti-wear and antioxidant properties, where heavy metals are not desired.
- ❖ It has excellent thermal stability and De-emulsibility characteristics.

### **Applications :**

Heavy Metal – Free Greases  
Industrial Gear oils  
Hydraulic / Break Fluids  
EP – Turbine Oils  
Metal Working Fluid  
Compressor Oil

### **Typical Dosage**

2.5 % - 5.0 %  
0.8 % - 1.5 %  
0.5 % - 1.0 %  
0.5 % - 1.0 %  
1.5 % - 5.0 %  
0.5 % - 1.5 %

## **PACKING AND STORAGE:**

Available in 25 / 200 kgs Drum.

To be stored in a clear, cool and dry place.

Although every care has been taken in the completion of the above information & recommendation they are offered in good faith without guarantee.

## **YASHO INDUSTRIES PVT. LTD.**

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