



## **EAGLE 360 LT**

### **SPRAY ALLOY POWDER**

**Economical High Quality Alloy for Corrosion Resistance**

#### **APPLICATIONS**

The **Eagle 360 LT** is an excellent build-up powder on pistons, valves and cylindrical surfaces that are subjected to corrosion.

#### **PROCEDURE**

Set Acetylene at 5 psi and Oxygen at 6 psi. Set torch to a slightly carburizing flame. Place the torch in a horizontal position to the work piece at a distance of 6" – 7" and traverse back and forth, fully covering the bond coat area to the required thickness plus .020".

Do not overheat and do not exceed 700<sup>0</sup> F. Use 600<sup>0</sup> to 650<sup>0</sup> tempil sticks to check temperature. Allow to cool in the lathe before finishing. Use a sharp Carbide tool bit starting in the center of the deposit and working alternately towards each end.

#### **GENERAL CHARACTERISTICS**

The **Eagle 360 LT** is an austenitic multi-component alloy powder that provides excellent resistance to atmospheric corrosion and high temperature oxidation up to 430<sup>0</sup> C (800<sup>0</sup> F). This powder can be used on all metals except pure copper.

#### **TECHNICAL DATA**

Hardness: (RC)	Approximate: 83 RB
Gas Pressure:	Acetylene: 5 psi
	Oxygen: 6 psi
Machinability:	Excellent

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