



Boost WP 45

Water Phase - Multipack Water Soluble Metalworking Fluid

Description

Castrol Boost™ WP 45 as part of the Castrol Multipack metalworking fluid system is recommended for machining and grinding of ferrous and non-ferrous metals. Consult your Castrol Account Manager for questions regarding compatibility.

Application

Castrol Boost WP 45 is the water phase of the Castrol Multipack metalworking fluid system. Castrol Multipack combines the effectiveness of advanced metalworking fluid performance with the efficiency to manage fluid systems for maximum sump life. Castrol Boost WP 45 is the water phase containing fluid management components to ensure bacteria control, pH stability and corrosion protection. It is used in conjunction with Castrol Hysol EM 400 which is the vegetable oil phase containing advanced lubricity components to ensure improved tool life and part quality. The Castrol Multipack technology allows for variable concentrations of each phase depending on severity of operation. In addition, lower fluid make-up costs are achieved as only depleted components are added back to the metalworking fluid system. Castrol Boost WP 45 can additionally be used to top up soluble cutting fluids to improve pH-stability and corrosion protection. Does not contain Chlorine, Nitrites, Phenols or Boron.

Advantages

- Improved environmental compliance with the use of renewable, vegetable oil technology.
- Advanced lubrication to extend tool life and improve part finish.
- Versatile fluid suitable for a wide range of applications on multiple metals.
- Resists bacteria to prevent rancidity and extend fluid life.

Typical Characteristics

Concentrate	
Appearance	Clear Yellow Liquid
Relative Density at 15°C kg/m ³	1110
Emulsion	4% Hysol EM 400 with 1.5% Boost WP 45
Appearance	Milky White Liquid
pH, emulsion	9.0 - 9.4

Recommended Concentrations

Recommended in-use concentrations.

Cast Iron	1-3% Hysol EM 400 with 1.5–2% Boost WP 45
Aluminium	4-8% Hysol EM 400 with 1.5–2% Boost WP 45
Grinding	1-2% Hysol EM 400 with 1.5–2% Boost WP 45

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