



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

Name	Method	Units	Boost WP 45
Appearance	Visual	-	Clear yellow liquid
Density @ 15C, Relative	NFT 60-172	g/ml	1.109
pH, Aqueous Solution (1%)	NFT 60-193	pH	-
Total Alkalinity	BAM 101	%	-

Recommended Concentrations

Recommended in-use concentrations.

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing condition

Boost WP 45
19 Oct 2011
Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

10 Junction Avenue , Parktown , Johannesburg , 2193 , South Africa
+27 11 488 5111, 0860 222 166 (SA), 0800 111 551 (SA)
www.castrol.co.za