

Accurately together...

petroyağ
LUBRICANTS

WP CASTING 150A

Description

WP CASTING 150A is a non-toxic, biodegradable product for the lubrication of continuous casting molds for steel casting. It is not harmful to human health and environment. It contains carefully selected thermally stable base fluids enhanced with film strength, metal surface wetting and antioxidant agents to minimize mold wear, oil consumption and carbon formation.

Properties Advantages

- Excellent lubricity to prevent abrasion between metal and mold and to improve the metal surface finish, reduce porosity and minimize mold wear rate
- Readily forms a resistant lubricating film on the mold surface which prevents quick metal solidification and adherence to the mold thus assuring the ease of separation at the interface metal/mold.
- Very efficient cooling capacity and heat removal rate.
- Long service life by maximizing the number of hits per charge.
- Low oil consumption to increase productivity and yield depending on process and machinery conditions.
- Carbon and fumes -free operation for improved machine and working environment cleanliness.

Technical Properties

Property	Test Method	Value
Color, Saybolt	ASTM D156	Light yellow
Density at 15 °C ,kg/m ³	ASTM D 4052	864 - 926
Viscosity at 40 °C, mm ² /s	ASTM D445	30 - 58
Viscosity at 100 °C, mm ² /s	ASTM D445	7.06 – 7.7
Flash Point (COC), °C	ASTM D92	> 245
Pour Point, °C	ASTM D97	< -9
Sulfur % max	ASTM D2622	max. 0.05
Refractive Index at 20 °C	ASTM D1218	1.470 - 1.478
Neutralization No., mg.KOH/gr	ASTM D974	0.064 – 1.0
Water Content, %	Carl Fisher	max. 0.05
Free Acid	-	0.05 – 0.1

** The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modification is reserved.*

Health & Safety

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet.

Packaging

180 kg drum, 850 kg IBC.

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