



Ilocut 219

Neat Broaching Oil

Description

Castrol Ilocut™ 219 (previously named Ilobroach 219) is a high performance chlorinated and fatted metalworking lubricant especially developed for precision form tool operations such as broaching and gear cutting of difficult to machine alloys and stainless steels.

Application

Castrol Ilocut 219 gives an excellent surface finish under these arduous conditions and helps to extend the life of complicated and costly form tools. High performance alloys used in gas turbines and in nuclear, aerospace and missile engineering present many machinery problems, the more rigorous the service they are developed for, the more difficult they are to machine. Due to the complexity of the component involved - a gas turbine disc for instance - the consequential loss in time and money involved from just one substandard cut is considerable.

Advantages

- Exceptional performance under these arduous conditions
- Minimising wastage and tool wear.
- Maximising reliability

Typical Characteristics

Name	Method	Units	Ilocut 219
Appearance	Visual	-	Clear, pale straw
Specific Gravity @ 20°C / 68°F	ASTM D1298 / ISO 3675	-	1.020
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm ² /s	14
Flash Point - closed cup method	ASTM D93 / ISO 2719	°C/°F	135 / 275

Additional Information

As with all chlorinated products, water contamination should be avoided.

This product was previously named Ilobroach 219. The name was changed in 2015.

Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is preferable to store the product indoors between 5°C and 45 °C / 41°F and 113°F.

For more details, please refer the product safety data sheet.”

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