

Variocut® G 408 HC & Variocut G 460

Neat Cutting and Grinding Oils

In industrial machining, the choice of cutting fluid can significantly impact productivity and product quality. Among the various types of cutting fluids, neat cutting oil stands out for its efficiency and performance. Unlike emulsified or water-soluble oils, neat cutting oils are used in their pure form, offering superior lubrication and cooling properties. Castrol® Variocut range of oils are formulated with additives that enhance their performance, making them ideal for high-precision and demanding machining operations.

| Feature | Benefit |
|--|--|
| Chlorine-free | <ul style="list-style-type: none">• Good for environmental requirements• Reduces disposal costs |
| Advanced additive technology with exceptional wetting and lubricating properties | <ul style="list-style-type: none">• High cutting efficiency with extended tool life and excellent surface finishes• Allows higher productivity• Maintains accuracy of grinding wheels for long-time periods and minimizes maintenance downtime• Multi-metal machining for product consolidation |
| Wide range of base oil technologies | <ul style="list-style-type: none">• Good for environmental requirements• Meets productivity demands• Low odor and pale color |
| Minimal mist generation and low viscosity | <ul style="list-style-type: none">• Improves working environment• Reduces drag out and improves filtration properties |

At a Glance:

Variocut G 408 HC: Extreme High Viscosity Index (EHVI) hydrocracked (aromatic free) base oil

Variocut G 460: Highly-refined base oil in combination with advanced synthetic and chlorine free technology

Extending the Castrol Variocut product range for hard metal and Tungsten carbide grinding

Neat cutting oil is a cornerstone of Castrol's product range, meticulously engineered to enhance productivity and performance across diverse industrial applications. We are pleased to expand our offering with two product additions – Variocut G 408 HC and Variocut G 460 – formulated to provide exceptional surface finishes and ensure precise dimensional accuracy in the intricate tasks of grinding, superfinishing, and honing.

Transor Filter USA has approved Variocut G 460 and 408 HC for use in their premium filtration systems.

How Castrol Can Help

We're a trusted brand recognized for premium quality lubricants and performance. Fluid quality significantly influences the safety and convenience of operating personnel, the manufacturing environment, the cleanliness of machine tools, the production quality of parts, the tool cost, the machining materials, and the discharge costs.

To learn how we can help smooth your operations, contact your local Castrol sales representative.