

GARIA™ 695 CF-15

Neat Metal Cutting Oil

DESCRIPTION

GARIA 695 CF-15 is a neat cutting oil for machining of heavy duty metals.

GARIA 695 CF-15 is recommended for heavy duty machining operations such broaching, gear shaving and deep hole drilling on steel of low to medium tensile strength.

GARIA 695 CF-15 is based on highly refined mineral oils with a low aromatic content and contains a combination of chlorine containing, chemically active and polar additives. The additives are selected to provide the oil with particularly high load-carrying properties.

GARIA 695 CF-15 provide good tool live and good surface finish of the machined work pieces. High efficient anti mist additives reduce the mist load in the air.

FEATURES

- Heavy duty machining and grinding of ferrous materials
- Broaching
- Deep-hole drilling
- Gear Hobbing
- Counterboring and reaming
- Gear Shaping
- Excellent tool and die life
- Low Foam
- Minimal oil mist
- Excellent surface finish

TYPICAL VALUES

Product Appearance	Light Yellow Oil
Flash Point (COC)	> 120°C
Specific Gravity @29.5°C (ASTM D 4052)	0.920 kg/L
Viscosity @40°C	15.0 cSt
Copper Corrosion Test (ASTM D 130) :	4b

HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

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REFERENCES

Houghton recommends that periodic checks of **GARIA 695 CF-15** should be carried out .

Checks will involve:

Viscosity@40°C: 10 - 20 cSt (In-use)

Water Content: < 0.02% (In-use)

These can be routinely performed and organised through Houghton's Customer Service laboratory, please contact your sales representative for further information about this service.

HOW TO USE

GARIA 695 CF-15 is used neat, as supplied, from the drum.

Apply by: Spraying, brushing or flooding.

Due to active sulphur in **GARIA 695 CF-15** , there is a risk of staining of yellow metals.

SHELF LIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **GARIA 695 CF-15** is a minimum of Twelve (12) months, unless otherwise specified.

GARIA 695 CF-15 is available in Pail, Drum or Tote. Other sizes may be available upon request , please contact your Houghton sales representative.

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RELATED PRODUCTS

- CUT-MAX®: Straight cutting oils
- GARIA™: Straight cutting oils
- MACRON™: Straight cutting and honing oils
- EXCELENE™: Straight cutting and honing oils
- DASCOLENE™: Straight OEM approved cutting oils
- HOCUT®: Water miscible metalworking fluids
- DASCOOL™: Water miscible metalworking fluids
- DROMUS™: Soluble metalworking fluids
- ADRANA™: Micro-emulsion metalworking fluids
- SITALA™: Semi-Synthetic metalworking fluids
- METALINA™: Synthetic metalworking fluids
- HOUGHTO-GRIND®: Straight and water miscible grinding fluids
- HOUGHTO-DRAW®: Straight and water miscible drawing stamping and forming fluids.
- CINDOL™: Straight and water miscible drawing and forming fluids especially for Aluminium parts.
- FENELLA™: Straight and water miscible drawing, stamping and forming fluids.
- CERFA-KLEEN®: Water miscible cleaning fluids
- VIBRA-KLEEN®: Water miscible vibrating cleaning fluids
- CALLINA™: Water miscible cleaning fluids
- RUST VETO®: Straight and water miscible rust preventive fluids.
- ENSIS™: Straight and water miscible rust preventive fluids.
- COSMOLINE®: MIL-SPEC Straight and water miscible rust preventive fluids.



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