

Garia® 621 M-36

High quality active sulfur cutting oil

DESCRIPTION

Garia 621 M-36 is light colored, anti-mist, active sulfur cutting oils designed for use in moderate to severe machining operations. **Garia 621 M-36** is available in different EP levels and viscosity grades to cover a wide variety of machining operations and metals.

Garia 621 M-36 and the **Garia chlorine free "M Series"** are transparent, light colored, active sulfur cutting oils formulated using high quality refined base stocks with a naturally high viscosity index. The **Garia** product line varies in viscosity and extreme pressure level to cover the widest range of machining operations and conditions.

Garia 621 M-36 contains unique synergistic extreme pressure additive systems that readily react at the chip-tool interface to form extremely effective boundary lubricating films which reduce frictional heat and prevent metal-to-metal contact of the tool and workpiece.

Garia 621 M-36 contains fatty oil additives which increase the lubricity and provides better surface finish of workpieces. **Garia 621 M-36** possesses excellent anti-wear and anti-weld properties to maximize tool life and minimize machine down-time.

FEATURES / BENEFITS

- Light transparent color and low odor properties
- Excellent lubricity and extreme pressure properties
- Chip-to-tool welding (built-up edge) minimization
- Increased tool life
- Closer tolerances
- Better finish on parts
- Corrosion/rust protection of part and machine
- Low smoke/mist tendencies

Garia 621 M-36 is useful in an extremely wide range of applications and are particularly useful in difficult applications where surface finish is of extreme importance. **Garia 621 M-36** is particularly useful in form grinding applications and in deep hole drilling operations of metals and alloys with very low machinability ratings.

DATA (TYPICAL VALUES)

Appearance	Lt. Pale
Gravity, °API	30.5
Viscosity:	
@ 40°C, cSt	35.9
@ 100°C, cSt	6.12
@ 100°F, SUS	184.0
@ 210°F, SUS	46.6
Viscosity Index	117
Flash Point, COC, °F	395
Pour Point, °F	10

HL 14.04 US

HEALTH AND SAFETY

Refer to SDS for proper handling and disposal. Please note that the SDS 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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