TECHNICAL INFORMATION

ULTRACUT BV 11

HIGH PERFORMANCE CUTTING OIL

DESCRIPTION

ULTRACUT BV 11 is a very low viscosity lubricant, based on GTL oils with high ester content, and containing anti-wear and extreme pressure additives.
ULTRACUT BV 11 is free of chlorinated compounds and metals.

APPLICATION

ULTRACUT BV 11 is specially developed for use in grinding processes of all types of metals and machining of low and medium severity.
It is especially suitable for gear flank grinding on Gleason-Pfauter grinding machines.
ULTRACUT BV 11 will show its best performance when high detergency and machine cleaning is required, as its low viscosity allows excellent deaeration, minimal foaming and perfect particle settling and filterability.

PROPERTIES

Due to its excellent lubricating properties, it extends the life of grinding wheels, whether they are diamond or other types of abrasives.
It does not form fumes or oily mists, due to its selected base and high lubrication capacity because the product has a very low tendency to evaporate.
It also contains anti-fogging additives in its formulation.

TECHNICAL CHARACTERISTICS

	Standard	Typical values	Unit
Appearance	Clear yellowish		
Density at 20 ºC.	ASTM D-1298	0,82	gr/cm^3
Viscosity at 40ºC.	ASTM D-445	11	mm^2/s
Flash point	ASTM D-92	195	ºC
Copper corrosion (3 h, 50 ºC)	ASTM D-130	2a	-
Four ball test: 80 kg / 1 minute	ASTM D-4172	<0,4	mm

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The information provided in this document is based upon our best knowledge at the date of revision indicate, and is subject to changes without prior notice. Such information does not release the user from testing the product in their own application. The data indicated represent average values and do not constitute product specifications. For more information please contact COGELSA Technical Support.
COGELSA is not liable for damages caused by improper use of the product.

COMPAÑIA GENERAL DE LUBRICANTES, S.A.
C/ Comercio, 36 P.I. Can Sunyer
08740 Sant Andreu de la Barca, Barcelona, Spain
Telf. +34 93 682 22 20 Fax. +34 93 682 00 55
comercial@cogelsa.com

Export:
Telf. +34 93 635 60 50
export@cogelsa.com

www.cogelsa.com