



NUTURA BIO DK 809

COLD AND SEMI-HOT STAINLESS STEEL EXTRUSIONS FLUID BASED ON BIODEGRADABLE ESTERS

RANGE OF APPLICATION

NUTURA BIO DK 809 is a wide range lubricant compound suitable for heavy duty operations such as direct and inverse extrusion, first stroke skin passing and cold and warm forming of stainless steels or high alloyed steels.

NUTURA BIO DK 809 is a chlorine, mineral oil free, vegetable esters free, fully synthetic product that thanks to the presence of particular compounds to convert and deposit the lubricating films, guarantee an increase in the "useful life" of the tools, easy of cleaning of the machined pieces, increase in the life of the dies and punches and elimination of seizures with reduction of "downtime" machine".

NUTURA BIO DK 809 has been formulated as forming fluid for cold and warm (450-600°C) stamping on wire horizontal press types e.g. NATIONAL, SACMA and SALVI.

FEATURES

NUTURA BIO DK 809 has been formulated using vegetable bases, in line with the company policy aimed at respecting the environment. Furthermore, this serie is completely free of chlorine, in order to protect the safety of operators.

It is a fully syntetic compound and contains specialised active agents to achieve extraordinary levels of performance. The unique selection of raw materials introduced into a controlled production process, provides a final product with extremely high performance resulting in maximum lubrication power in unusual and difficult extrusions and in the plastic deformation of high carbon steels, high alloyed steels, austenitic and martensitic stainless steels both cold and semi-hot (450-600°C).

Its use extends the useful life of the punch and die by increasing the plastic flow of the material and reducing the pressure on the tools.

Visual Aspect	visual	-	liquid
Colour	visual	-	brown
Density @ 15°C	ASTM D 1298	Kg/dm ³	0,950
Viscosity @40 °C	ASTM D 445	cSt	90
Flash point (COC)	ASTM D 92	°C	≥ 190

The values of the chemical-physical characteristics reported above should be considered as typical and do not constitute specifications. The same goes for the indications relating to uses, which have mainly indicative purposes

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