

樂仕化工貿易公司

Roxy Chemical Trading Co.

香港 九龍 葵芳葵豐街 1-15 號盈業工廈 10 樓 1005A 室

Unit 5A, 10/F, Profit Industrial Building,

1-15 Kwai Fung Crescent, N.T. Hong Kong

Phone : 852-2406 8223

Facsimile : 852-2406 8211

E-mail address : nichibei@sinatown.com



產品技術資料

產品名稱

NFLB-207 O SP

冷室壓鑄用 (納米金屬) 石墨鎚頭油

產品簡介

NFLB-207 O SP 壓鑄用 (納米)石墨鎚頭油, 具有高附著力、平均而微細之高純度石墨潤滑添加劑。

NFLB-207 O SP 壓鑄用含石墨鎚頭油走動性低, 附著力強, 其納米元素在壓力和熱力驅動下, 在鎚頭表面形成一保護膜。能有效減低鎚頭及套筒內之磨損及鋁合金與鐵合屬之黏結現象。

化學及物理特性

外觀	深灰色液體狀
黏度 40°C (ASTM D445)	低黏度
氣味	中等
密度 (20°C)	0.94 g/cm ³
主要成份	石臘油
固體潤滑劑	高純度石墨粉
閃點 COC (ASTM D92)	240 °C
閃點 COC (ASTM D92)	276 °C
產品壽命	36 個月 (未拆開包裝後計)

使用特點

附著鎚頭性能	優異
流動性	不流走
磨損系數	低
耐壓力性能	優異
對鑄件影響	無
產生之油霧, 氣味	很少
污染性	中等

使用方法

NFLB-207 O SP 可配合自動灌注系統使用, 亦適於垂直型或橫向型鎚頭。

產品優點

- : 不含有毒物質, 對環境無害。
- : 有效地延長鎚頭工作壽命。
- : 不含有毒物質。
- : 潤滑性強, 保護頂針。
- : 不會影響鑄件移印工序。

存放須知

- ⊗ 避免長時間受陽光照射。
- ⊗ 不可存放在低於-10°C 之環境
- ⊗ 產品壽命: 約 36 個月 (產品未拆包裝計)。



CERTICHIM

樂仕化工貿易公司

Roxy Chemical Trading Co.

香港 九龍 葵芳葵豐街 1-15 號盈業工廈 10 樓 1005A 室

Unit 5A, 10/F, Profit Industrial Building,

1-15 Kwai Fung Crescent, N.T. Hong Kong

Phone : 852-2406 8223

Facsimile : 852-2406 8211

E-mail address : nichibei@sinatown.com

產品技術資料

產品名稱

NFLB-207 O SP 冷室壓鑄用含石墨鎚頭油

廢油處理

使用後之 NFLB-207 O SP 廢液可透過自然分解或交與認可之化學品回收公司處理。

排放須知

廢物處理

不可直接傾注溝渠，內河。

使用過之包裝品

廢油須交與認可公司處理。
使用後之包裝若需再用或在棄掉前，請先清潔。

潤滑能力

NFLB-207 O SP 潤滑性能優異，有效延長鎚頭及套筒工作壽命。

環保資料

NFLB-207 O SP 不含毒性或有害物質，對自然環境無害。

健康及安全資料

NFLB-207 O SP 對環境、人體無害。(可參考廠方提供之物料安全數據資料)

備註

本產品不應與其他公司的加工液混合使用，否則會影響使用效果。
由於用戶實際生產情況不在我們可控制之間，本公司對使用狀況不作擔保。



CERTICHIM

樂仕化工貿易公司

Roxy Chemical Trading Co.

香港 九龍 葵芳葵豐街 1-15 號盈業工廈 10 樓 1005A 室

Unit 5A, 10/F, Profit Industrial Building,

1-15 Kwai Fung Crescent, N.T. Hong Kong

Phone : 852-2406 8223

Facsimile : 852-2406 8211

E-mail address : nichibei@sinatown.com

TECHNICAL DATA SHEET

PRODUCT NAME

NFLB-207 O SP 鋁合金壓鑄用含石墨鏈頭油
Thin graphite oil for lubrication of die-casting plunger

DESCRIPTION

NFLB-207 O SP is an adhesive, thin graphite oil. The graphite contained in this product is of high purity and of colloidal fineness. **NFLB-207 O SP** forms a visco-plastic lubricating film on metallic surfaces when subjected to high pressure and temperatures.

Wear of the plungers and erosion of the sleeves are markedly reduced, and adherence of the aluminium to the steel die is minimised. On the surface of the hot plunger, **NFLB-207 O SP** forms an evenly distributed film which does not run off. This lubricant is free polycyclic hydro-carbons and physiologically harmless.

CHEMICAL AND PHYSICAL CHARACTERISTICS

Appearance	Dark Grey liquid (graphite)
Viscosity 40°C (ASTM D445)	Low viscosity
Smell	Mild
Density at 20°C	0.94 g/cm ³
Carrier	paraffinic oil
Solid Lubricant	high purity graphite
Flash Point COC (ASTM D92)	240 °C
Flash Point COC (ASTM D92)	276 °C
Shelf-Life	36 months (it is recommended to stir product prior to use)

PERFORMANCE CHARACTERISTICS

Adherence to plunger surface	Excellent
Flow ability	Does not run off (if applied correctly)
Coefficient of Friction	Very low
Resistance to pressure	Excellent
Influence on Casting	None
Gas emission	Minimal, does not cause any harm
Machine Soiling	Yes (due to use of graphite)

APPLICATION

NFLB-207 O SP is ready for use and is applied by means of spray nozzles. It is suitable for lubrication of horizontal as well as vertical plungers.

ADVANTAGES

- : Clean machines and clean environment
- : Increased life of plungers
- : Completely free from toxic fumes

STORAGE

- ☼ Avoid long stockage under the sun
 - ☼ Do not stock the product at a temperature below -10°C
- Shelf life: 36 months, in original unopened containers.



樂仕化工貿易公司

Roxy Chemical Trading Co.

香港 九龍 葵芳葵豐街 1-15 號盈業工廈 10 樓 1005A 室

Unit 5A, 10/F, Profit Industrial Building,
1-15 Kwai Fung Crescent, N.T. Hong Kong

Phone : 852-2406 8223

Facsimile : 852-2406 8211

E-mail address : nichibei@sinatown.com

TECHNICAL DATA SHEET

PRODUCT NAME NFLB-207 O SP 鋁合金壓鑄用含石墨鏈頭油
Thin graphite oil for lubrication of die-casting plunger

GENERAL LUBRICATING PROPERTIES NFLB-207 O SP has excellent lubricating properties on injector pins and cores.

PAINT ABILITY OF CASTINGS Castings, manufactured with this product, can be painted or powder coated without interference

BIOLOGICAL COMPATIBILITY This plunger oil lubrication is completely non-toxic, and no interference, also environmentally, can be expected.

ELIMINATION OF WASTE PRODUCTS The diluted NFLB-207 O SP can easily be mechanically, biologically or chemically eliminated in commercially available plants

DISPOSAL CONSIDERATIONS
WASTE FROM RESIDUES

CONTAMINATING PACKAGING LOCAL REGULATIONS:

Do not pour down the drain and the rivers.
Give to an approved recuperator for disposal.
Well clean the packaging before re-use or putting in landfill.
ALL MEANS OF DISPOSAL SHOULD COMPLY WITH NATIONAL OR LOCAL REGULATIONS.
[GERMANY]:
Abfallschluselnr: 544 02
Abfall Bezeichnung: EmulsionsGemische

HEALTH AND SAFETY NFLB-207 O SP has no adverse effect on health when used properly and for the designed application. Beyond normal hygiene. No special precautions are required. Further reference is made to the MATERIAL HEALTH AND SAFETY SHEETS.

REMARK: The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter specification within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigation the possibility of infringement of third parties' rights and, if necessary, resolve the matter.

