

PUNCHING OIL AF1

Product Description

PUNCHING OIL AF1 is a low-viscosity metal deforming oil which is clear and odorless. It is suitable for punching application and also applied to use for light duty shallow draw stamping application.

Benefits

- Good extreme pressure property
- Odorless
- No oil stain on workpieces

Applications

- Suitable for punching and also shallow draw stamping application via spraying brushing and dipping
- Can be used with general metals especially thin aluminium

The Moving Innovation 

PUNCHING OIL AF1

Typical Characteristics

Tests	Methods	Units	Results
Appearance	Visual Inspection		Clear
Density at 20 °C	ASTM D4052	g/cm ³	0.770
Kinematic Viscosity at 40 °C	ASTM D445	mm ² /s	1.400
Flash Point (PMCC)	ASTM D93	°C	64
Total Acid Number	ASTM D664	mgKOH/g	0.05

Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttor.com>

Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.