Olipes
The Professionals' Lubricants

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FLOW HAMMER

DESCRIPTION:

Lubricating oils for pneumatic and drilling tools formulated with highly refined mineral bases and adhesion, emulsifier, corrosion and rust inhibitor, anti-wear and extreme pressure additives, specifically selected for lubrication in drilling operations, including use in severe water washing conditions.

PROPERTIES & ADVANTAGES:

- ✓ Its high capacity to withstand loads and anti-wear protection prolongs the service life of the equipment and reduces maintenance costs.
- ✓ Maximum protection against corrosion, including in the presence of moisture or water washing, due to the product´s excellent adhesion properties and great capacity to emulsify and trap water, thereby preventing water from entering into contact with metallic surfaces.
- ✓ Highly resistant lubricating film, even when lubricating pneumatic impact drills.
- ✓ Excellent thermal stability, reducing the formation of sludge and deposits in valves and other components.
- ✓ Contains unctuous agents and additives designed to improve lubricity.
- ✓ Its excellent extreme pressure properties make it suitable for use in strongly loaded elements.
- ✓ Its service life surpasses 3,000 working hours in the most adverse conditions.

APPLICATIONS:

- ✓ Lubrication of compressor hammers, pneumatic hammers, drilling wagons, burins and other pneumatic-type tools used in the mining and construction sectors.
- ✓ Quarry drills.
- ✓ Top and down-the-hole pneumatic percussion drilling hammers.
- ✓ Use in line lubricators and as a lubricant applied using a rock drill.

SPECIFICATIONS / QUALITY LEVEL:

Quality level in accordance with ISO 6743-11 PAC, PBC.

Complies with the quality requirements of the top manufacturers:

GARDNER DENVER	INGERSOLL RAND
TAMPELA	JOY (RD01)
ATLAS COPCO	HOLLMAN

TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE				
ISO grade	ISO 3448	68	100	150	220	320
Viscosity at 40 °C, typical (cSt)	ASTM D-445	61.2 – 74.8	90 - 110	135 - 165	198 - 242	288 - 352
Density at 15 °C, typical (kg/l)	ASTM D-1298	0.880	0.885	0.890	0.895	0.900
Pour point (°C), max	ASTM D-97	-25	-25	-20	-15	-15
COC flashpoint, min (°C)	ASTM D-92	210	220	230	240	260
Copper corrosion (3h, 100 °C), max	ASTM D-130	1b	1b	1b	1b	1b

HOW TO USE:

FLOW HAMMER oils can be mixed with others of an identical use and standard of quality. Prior to mixing we recommend you check the state of the oil to be mixed with the product, as well as that of the system it is to be used in.

PACKAGING:

20L jerrycan, 200L drum and 1000L IBC container.
Check availability for the different levels of viscosity.