

AIR-BIO #22

Lubricant for pneumatic tools

Description

PROLAB's AIR-BIO is the biodegradable lubricant for the best-performing air tools on the market. Its unique formula, exclusive to PROLAB, brings with it exceptional properties which allow it to outclass all mineral and synthetic biodegradable products.

Characteristics and Benefits

The biodegradable and environmentally-friendly lubricant for pneumatic tools, **AIR-BIO**, features a unique formulation based on 100% high-performance synthetic oil with the addition of premium additives.

AIR-BIO encapsulates the water present in the conduits and enables its removal:

It also offers superior resistance to oxidation and corrosion.

These characteristics along with excellent anti-foaming properties result in better lubrication, lower risk of equipment corrosion and longer-lasting lubricant.

AIR-BIO is environmentally friendly:

Biodegradable and ecological, it contains no heavy metals, organochlorines or nitrous compounds.

AIR-BIO is safe to use:

It is not subject to WHMIS regulations. (Workplace Hazardous Materials Information System)

Types of Application

PROLAB's AIR-BIO is essential in all air tools subject to environmental risks such as near bodies of water, or in wharf facilities, forestry, agriculture, etc.

When used in plants and factories, AIR-BIO prevents against noxious hydrocarbon buildups which could find their way into the effluents when the walls are cleaned.

ENSURE YOU HAVE THE MOST UP-TO-DATE INFORMATION BY REGULARLY VISITING THE PRODUCT PAGE ON OUR WEBSITE TO ACCESS THE LATEST VERSION OF THIS TECHNICAL DATA SHEET.

Compatibilities

Compatibility test, carried out according to ISO 6072-2002 guidelines, have demonstrated that:

- AIR-BIO is compatible with hythane 181, polyester 55D and nitrile (medium) 78BS seals.

For more information on these tests, please contact PROLAB Technical services.

Directions for Use

Follow the manufacturer's instructions for the lubrication of the specific piece of equipment.

Notes

The use of environmentally friendly products minimizes the negative consequences following an accident that could otherwise prove to be very costly and damage your corporate image.

Warning

Verify compatibility of elastomer seals.

Available Sizes

4 L, 20 L, 55 L, 205 L

Product Code

495

Characteristics	ASTM Test	Typical Values
Flash Point	D92	245°C
Pour Point	D97	-52°C
Specific Gravity at 15°C	D4052	0,9190 g/cm ³
Viscosity at 40°C	D445	23,84 cSt
Viscosity at 100°C	D445	5,15 cSt
Viscosity Index	D2270	153
Corrosion - Copper Strip	D130	1a

Foaming Stability		
- Sequence #1		0/0 ml
- Sequence #2	D892	0/0 ml
- Sequence #3		0/0 ml
Oxydation Stability - Pressure Drop 100h.	D525 modified	n/a
4-Ball Wear	D4172	n/a
Biodegrability CEC L-33-T-82, 21 Days		>90%
Rust Preventative		
(A) Distilled Water	D665	Pass
(B) Sea Water		Pass
4-Ball E.P.		
- Load Wear Index	D2783	n/a
- Weld Load		n/a
Dielectric Breakdown	D877	n/a
Hydrolytic Stability	D2619	
- Water Acidity		0,2 mg KOH
- Loss of Weight		0,03 mg/cm ²
- Blade Appearance		1b