Puma Air Line Lubricant

Puma Air Line Lubricant is blended using highly refined hydrotreated base oils and a specialist anti-oxidant and corrosion inhibitor package making them inherently thermally and chemically stable, to provide excellent oxidation resistance, protection against rust and corrosion of ferrous and non-ferrous components. This uniquely formulated oil allows it to be generated into an “OIL MIST SPRAY” which permits very small microscopic oil (<5 micron) and air bubble to travel up to 30 meters with air pressure between 4 to 5.5 bar

- ✓ Wear Reduction
- ✓ Oxidation Resistance
- ✓ Anti-Foam Performance

Applications

Puma Air Line Lubricant has been designed to meet the needs of a wide range of applications;

- Workshop Hand Tools (both small and medium sized) – (not for jack hammers and rock breakers)
- Pneumatic Cylinders, Actuator and Solenoids
- Oil Spray Mist bearing lubrication
- Light duty circulation systems that do not require anti wear or extreme pressure additives

Puma Air Line Lubricant meets the following standards or requirements;

SOLAR ES 9-224U (I & II)	SIEMENS TLV 9013.04	ALSTOM HTGD 90117
ASTM D4304 Type	JIS K2212 Type 2	Siemens Westinghouse 21T0591 & 55125Z3
ISO 8068	GEK 28143A, B	MAN TURBO SP 079984 D0000E99
DIN 51515 Part 1 & Part 2	British Standard 489 – 1999	Cincinnati Lamb P38 / P55 / P54 / P57

Typical Physical Characteristics

Test	Temp	Units	Test Method	Typical Result
ISO Viscosity Grade	-	-	ISO 3884	32
Density	15℃	Kg/l	ASTM D1298	0.87
Kinematic Viscosity	40℃	cSt	ASTM D.445	32
Kinematic Viscosity	100℃	cSt	ASTM D.445	5.4
Viscosity index			ASTM D2270	101
Flash Point,	℃	-	ASTM D92	210
Pour Point	℃		ASTM D97	-30
Copper Corrosion			ASTM D130	1A
Rust Test			ASTM D665A,B	Pass

These characteristics are typical of current product methods whilst future production will conform to Puma Lubricants specifications, variations in these physical characteristics may occur.

Health & Safety Environment

- This product is unlikely to present any significant health and safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with eyes and skin, use proper impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on health and safety is available on the appropriate Safety Data Sheet (SDS) which can be obtained from pumapng.datasheetdownloads.com

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