



Technical Product Information

PNEUMATIC TOOL LUBRICANT

AIR TOOL LUBRICANT

Product Description: PNEUMATIC TOOL LUBRICANTS is manufactured from solvent refined paraffinic base stocks that have low pour points and are fortified with anti-rust, extreme pressure, and tackiness additive that give the lubricant adhesive characteristics. In addition, it contains an emulsifying agent that causes it to combine with water to prevent water from wetting metal surfaces and displacing lubricant.

Features:

- Excellent extreme pressure properties to protect air operated tools from seizure.
- Good adherence to wet surfaces.
- Good rust preventive properties.
- Provides proper atomization into airlines ahead of tool.

Typical Uses:

- Meets specifications of Gardner Denver, Chicago Pneumatic, Joy Manufacturing and Ingersoll-Rand when appropriate viscosity grade is used.
- ISO VG 22, 32, 46 and 68 is recommended for small high speed air operated drills at low atmospheric temperatures.
- ISO VG 100 is for jack hammers, pavement breakers, drifters and wagon drills operating under average conditions.
- Also suitable as lubricant for cylinders of vacuum pumps that are operating under moist or wet air conditions.
- ISO VG 150 and 320 are designed for larger slow speed drills operating under high temperature conditions.

Typical Specifications:

GRADE, ISO	22	32	46	68	100	150	220	320
Gravity °API	30.7	29.0	28.2	29.0	25.4	27.0	25.1	24.7
Flash Point, °F.	390	400	410	410	440	450	460	475
Fire Point, °F.	430	440	450	450	480	500	505	520
Pour Point, °F.	-25	-25	-20	-15	0	0	0	15
Viscosity:								
SUS @ 100° F.	114.6	165	237	352	522	789	1160	1713
SUS @ 210° F.	42.0	44.2	48.8	56.9	64.3	78.0	98.9	121.2
cSt. @ 40° C.	22	32	46	68	100	150	220	320
cSt@100° C.	4.7	5.36	6.74	9.1	11.1	14.6	19.5	24.61
Viscosity Index	100	99	99	100	95	95	101	98
Color, D-1500	2.0	2.5	3.0	3.5	4.5	5.0	5.0	6.5
Zinc, Wt. %	.08	.08	.08	.08	.08	.08	.08	.08

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.