

Product Data Sheet

6030 PEN OIL

I. GENERAL DESCRIPTION

Grade: Industrial grade heavy duty penetrating oil meeting US FED spec. No. VVP 216a

Description: # 6030 Pen oil loosens rust and corrosion formed by alkali, fruit acids, water, and electrolysis. Low surface tension allows the oil to migrate into tight spaces and along threaded fasteners. Reduces the tugging and pounding sometimes required to loosen screws and bolts. Loosens tar, dirt, and carbon on stubborn, rusted bolts.



Benefits: Only a few drops of Penetrating Oil is needed, it contains no acid and is effective against salt-water corrosion. # 6030 has a fast penetrating action and displaces moisture. # 6030 makes disassembly of parts possible with savings in time and materials, especially where maintenance shutdowns are limited & of a short duration.

Provides fastest & deepest rust penetration in its class.

II. PROPRIETARY FEATURES

1. Unsurpassed, ultra low surface tension for best in class rust penetration:
 - A) Surface Tension : 44 Dyne/ Cm.
 - B) Internal Tension : 36 Dyne/ Cm.
2. Superior atomization & unique ultra light weighted aliphatic hydrocarbon & paraffin oil blend- lightest weight in its class.

III. CHARACTERISTICS AND PROPERTIES

- | | |
|------------------|--|
| 1. Specification | USDA K1, H2 |
| 2. Appearance | Non foaming liquid |
| 3. Color | Dark amber |
| 4. Odor | Mild, hydrocarbon with a light vanilla fragrance |

STANVAC CHEMICALS (I) LTD

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5.	Dry Schedule	Not applicable
6.	Physical State	Aerosol
7.	Specific Gravity	0.70
8.	Evaporation rate	Faster than n-butyl acetate
9.	Boiling Point	Not applicable
10.	Freezing Point	Not available
11.	pH	Not applicable
12.	Vapor Density (air= 1)	Heavier than air
13.	Vapor Pressure (PSI)	45- 55
14.	Odor & Appearance	Hydrocarbon odor/ Dark amber
15.	Odor Threshold (PPM)	N/AV
16.	Coefficient Of Water/ Oil Distribution	N/AV
17.	Explosion Data	
	Sensitive to mechanical impact	No
	Sensitive to static discharge	No
18.	Chemical stability	Stable
19.	Incompatibility with other substances	Strong oxidizing agents, Strong acids or bases
20.	Reactivity & conditions	None
21.	Hazardous Decomposition products	None
22.	Weight per gallon	5.8 lbs
23.	Viscosity in centipoise @ 70°F (21°C)	NA
24.	Flammability: Label marking	Extremely Flammable
	Flash point	< 0°F (- 18° C)
25.	Active ingredients by weight	75%
26.	Volatile Organic Compound level	76%
27.	Operating temperature range	40-110°F (5- 43°C)
28.	Pour point	Not applicable
29.	Dielectric strength	35 kV/mm
30.	Lubricity (FALEX FLC Test)	50 ft. lbs
31.	Penetrating ability	Excellent
32.	Corrosion protection	Excellent
33.	Food contact rating	K1, H2
34.	Carcinogenicity: The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.	
35.	Base Materials	Ultra lightweight Petroleum Distillate & Paraffinic Oil Blend
36.	Propellant system	Hydrocarbon

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IV. APPLICATIONS

Quick release for nuts, bolts, pipes, fittings, pumps, pulleys, battery cables, roller conveyers, hinges and valves. Use on metals, alloys, rubber, and most painted surfaces- severely jammed assemblies as well as wherever "Time" is of the essence.

V. DIRECTIONS

Shake well before use. Hold cans 6" to 10" from surface, spraying liberally and uniformly. Use extension tube for hard-to-reach areas and pinpoint accuracy.

VI. SHIPPING, STORAGE AND HEALTH

IMDG number	1950
D.O.T. container spec	2P
D.O.T. shipping description	Consumer commodity
Warehouse storage level number	NFPA 30B Level 2
Hazardous class (CFR-49)	ORM-D
Storage temperature	32° to 120°F (0° to 49°C)
Shelf life	1-5 years
HMIS ratings	
Health	1
Fire	4
Reactivity	0

VII. IMPORTANT

1. Contains no Ozone Depleting Substances (O.D.S).
2. Warranted to conform to international ICC & DOT regulations.
3. Minimum 12 Months performance guarantee: - Warranted against any defect in material or workmanship for a period of 12 months from the date of supply.
4. Minimum 12 Months zero wastage guarantee: - 100% reliable aerosol spraying action & full contents spray-out guaranteed for a period of 12 months from the date of supply.

“ USE THE BEST “

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