



KEYSTONE

 PENNWALT

PRECISION LUBRICANTS

21st and LIPPINCOTT STREETS, PHILADELPHIA, PA. 19132 U.S.A.

Rec'd > 4/29/81

KEYSTONE PENETRATING OIL NO. 1 (RUST BUSTER)

Features

- Meets Government Specification VV-P-216
- ✓ Volatility - Low at room temperature
- Low surface tension
- ✓ Works its way under moisture
- ✓ Contains wetting agents
- ✓ Penetrates fast
- ✓ Safe for all metal surfaces
- ✓ Dissolves rust speedily
- Spreads completely
- ✓ Lubricates disengaging surfaces
- Protects threads while being disengaged
- ✓ Removes old hardened grease
- Makes surfaces clean again
- ✓ Pleasant odor
- Packaged in convenient aerosols as well as Bulk Containers including Spout type pint cans

NOTE: In test after test KPO No. 1 has outperformed competitive products. Prove it with the "Chase" test. Place a drop of KPO No. 1 on a clean metallic surface. A short distance away place a drop of a competitive penetrating oil. Watch how quickly KPO No. 1 pushes the other oil off the surface, indicating the wetting and displacing properties of KPO No. 1.

Uses

Disassembling bolts and nuts
Removing bearings, couplings, pulleys, gears, etc. which have become corroded on their shafts.

Method of Application

Brush
Oil Can
Aerosol Can
Immersion

Keystone Division of Pennwalt Corporation, with a policy of continuous improvement, reserves the right to change specifications as our technology progresses. We are not responsible for misuse and/or misapplication of our products.

SEE REVERSE SIDE FOR TYPICAL PROPERTIES

TS-510

TYPICAL PROPERTIES

KEYSTONE PENETRATING OIL NO. 1 RUST BUSTER

NA = Not Applicable

Gravity : API	45.0
Viscosity	
SUS @ 100°F	29.8
SUS @ 210°F	NA
Viscosity Index	NA
Color-ASTM-D-1500	Off White
Flash - °F	119
Pour Point - °F	-60
Neut. No.	
Timken OK Load (Lbs.)	NA
Rust Test	
ASTM-D-665 (Proc. A)	NA
Oxidation Test	
ASTM-D-943	NA
Copper Corrosion	
Carbon Residue - %	Trace
Ash - %	None
ASTM Viscosity Grade No.	NA
SAE No.	NA
AGMA Rating	NA
Surface Tension (Dynes/cm ²)	26.4
Interfacial Tension (Dynes/cm ²)	23.4

TS-510

R2510765



PENNWALT
KEYSTONE

PRECISION LUBRICANTS

21st and LIPPINCOTT STREETS, PHILADELPHIA, PA 19132 U.S.A.

KEYSTONE PENETRATING OIL NO. 2 (LIGHT LUBRICANT)

Features.

- Powerful Gum and Sludge Solvent
- Frees as it Lubricates
- Prevents Rust - Non Corrosive
- Prevent Carbon Deposits
- Saves Power through elimination of Sludge Drag
- Contains no abrasives
- Harmless to all metal surfaces
- Light body
- High Lubricating Value

NOTE: Penetrating Oil No. 2 is also manufactured with colloidal Graphite for use on chains, bearings, etc.

Uses

- Cleaning agent to remove gums and sludges from bearings, gears, etc.
- Light machinery lubricant, such as, sewing machines, office and household equipment.
- Fishing reels.
- Cleaning and polishing Guns (Prevents rust)
- Diesel and gasoline engine break-in and tune-up (After break-in use $\frac{1}{2}$ pint KPO 2 with each gallon of lubricating oil to maintain engine in proper working order).

Method of Application

Oil Can
Brush
Oil Cups
Brush Type Oilers
Wiping Cloth (Cleaning Guns)
Direct Application

Keystone Division of Pennwalt Corporation, with a policy of continuous improvement, reserves the right to change specifications as our technology progresses. We are not responsible for misuse and/or misapplication of our products.

SEE REVERSE SIDE FOR TYPICAL PROPERTIES

TS-515

R2510766

TYPICAL PROPERTIES

KEYSTONE PENETRATING OIL NO. 2 (LIGHT LUBRICANT)

NA = Not Applicable

Gravity : API	35.6
---------------	------

Viscosity	
SUS @ 100°F	55
SUS @ 210°F	

Viscosity Index	NA
-----------------	----

Color-ASTM-D-1500	Light Yellow
-------------------	--------------

Flash - °F	200
------------	-----

Pour Point - °F	-5
-----------------	----

Neut. No.	
-----------	--

Timken OK Load (Lbs.)	NA
-----------------------	----

Rust Test	
ASTM-D-665 (Proc. A)	NA

Oxidation Test	
ASTM-D-943	NA

Copper Corrosion	Pass
------------------	------

Carbon Residue - %	Trace
--------------------	-------

Ash - %	None
---------	------

ASTM Viscosity Grade No.	S60
--------------------------	-----

SAE No.	Below 10
---------	----------

AGMA Rating	NA
-------------	----

TS-515

R2510767