



# **TECHNICAL DATA BULLETIN**

## **4059 H1 QUINPLEX<sup>®</sup> Penetrating Oil & Lubricant**

### **DESCRIPTION:**

Outstanding aerosol food grade penetrating oil and lubricant. Works quickly to dissolve rust and free-up frozen parts. Rapidly penetrates and leaves a heavy lubricant film for further lubrication and corrosion prevention. Formulated from USP Grade mineral oils and other USDA H1 rated components. Contains LE's proprietary additive, QUINPLEX<sup>®</sup>.

### **PHYSICAL CHARACTERISTICS – TYPICAL: (After Application)**

USDA Rating	H1
ISO Grade	100
Equivalent SAE Grade	30
Gravity, API <sup>°</sup>	25.9
Viscosity (Base Oil)	
SUS @ 100°F	526.2
SUS @ 210°F	58.69
cSt @ 40°C	100.1
cSt @ 100°C	9.67
Flash Point, °F (°C)	400 (204)
Pour Point, °F (°C)	-17 (-27)
Color	Light Straw

### **APPLICATION:**

Any area where a penetrating and lubricating oil suitable for incidental food contact is required. This includes bottling and canning equipment, food processing machinery, slides, cams, chains and other machine surfaces.

**LEADERS IN LUBRICANTS**

**LUBRICATION ENGINEERS, Inc.**

300 Bailey Ave Fort Worth, Texas 76107  
817-916-3200 • 800-537-7683 • fax 817-820-1512  
<http://www.le-inc.com>

**LE PRODUCTS MANUFACTURED UNDER AN  
ISO 9001:2000 CERTIFIED QUALITY SYSTEM**

## **BENEFICIAL QUALITIES:**

Loosens corroded and frozen parts.

Protects metal surfaces from rust and corrosion.

Contains an H1 authorized polar organic solvent to assist in water displacement.

Pleasant odor.

Contains an H1 authorized solvent to help dissolve and penetrate residues.

Contains H1 authorized anti-wear additives.

Safe for the environment: contains no ozone depleting chemicals.

This lubricant conforms to CFR Title 21, part 178, Section 178.3570 as published by the FDA.

USDA H1.

**LI50021**  
**Rev. 12-00**  
**SS022400**  
**TDB/4059**