Product Information

H1 Quinplex® Penetrating Oil & Lubricant (4058-4059)

Pure, Rust-Fighting Lubricant Protects Food Machinery

Available both as a fluid (4058) and as an aerosol (4059), H1 Quinplex® Penetrating Oil & Lubricant is an outstanding food grade lubricant that works quickly to dissolve rust and free up frozen parts. It rapidly penetrates and leaves a heavy lubricant film for further lubrication and corrosion prevention. Formulated with USP grade mineral base oil, this clear, odorless lubricant is NSF H1 registered, and Kosher Pareve and Halal certified for use in food processing equipment. It also contains Quinplex, LE's proprietary impact-resistant additive.



Beneficial Qualities

Food Grade

- Pure, nonstaining, odorless, tasteless, clear and nonirritating lubricant
- Can be used with confidence where incidental food contact or staining can occur
- Registered NSF H1
- Certified Kosher Pareve
- Certified Halal by IFANCA

Superior Protection

- Has excellent penetrating characteristics
- Leaves protective oil coating upon evaporation of H1 solvent
- Protects surfaces from rust and corrosion
  - o Possesses outstanding rust preventative characteristics; in 100% humidity test chamber, there was no rust after 48 hours with H1 Quinplex 4059
- Provides anti-wear protection

Reliable Performance

- Loosens corroded and frozen parts
- Helps dissolve and penetrate residues
- Assists in water displacement

Proprietary Additive

LE's proprietary additives are used exclusively in LE lubricants. H1 Quinplex White Oil contains Quinplex.

Quinplex® impact-resistant additive contributes to outstanding water resistance, tackiness and enhanced mechanical stability, and helps to form a barrier against corrosion.

Technical Data

H1 Quinplex® Penetrating Oil & Lubricant

	4058	4059 aerosol
Color	Amber	Amber
SAE Grade / ISO VG	-	30
Relative Density @ 60°F/60°F, ASTM D1298	0.871	0.871
Viscosity @ 100°C, cSt, ASTM D445	11.2 w/o diluent	11.2 w/o diluent
	7.7 w/ diluent	4.38 w/ diluent
Viscosity @ 40°C, cSt, ASTM D445	100.0 w/o diluent	100.0 w/o diluent
	53.5 w/ diluent	20.7 w/ diluent
Viscosity Index ASTM D2270	97 w/o diluent	97 w/o diluent
	110 w/ diluent	122 w/ diluent
Flash Point °C (°F), (COC), ASTM D92	131 (268)	131 (268)
Pour Point °C (°F), ASTM D97	-18 (0)	-18 (0)
Rust Test 4 hrs @ 60°C, DI H_2O, ASTM D665A	Pass	Pass

Performance Requirements Met or Exceeded

- NSF H1 Registered
- Kosher Pareve
- Halal

Typical Applications

Any area where a penetrating and lubricating oil suitable for incidental food contact is needed, including:

- Bottling and canning equipment
- Food processing machinery
- Cams, chains, slides and other machine surfaces





Quinplex® is a registered trademark of Lubrication Engineers, Inc.

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LE operates under an ISO 9001 Certified Quality System.

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