



# Product Bulletin

## Gulf Green NS Hydraulic Oils *No Sheen, Non-Toxic, Anti-Wear*

### Product Description

**Gulf Green NS Hydraulic Oils** are premium quality, anti-wear hydraulic oils designed for use in various mobile and stationary hydraulic equipment, compressors and lifts that operate in environmentally sensitive areas where leaks or spills of hydraulic fluid could result in contamination of the soil or nearby waterways. The zinc free additive system formulated into **Gulf Green NS Hydraulic Oil** passes the acute aquatic toxicity criteria and is considered non-toxic.

**Gulf Green No Sheen Oils** are formulated with high purity, severely hydrotreated base stocks coupled with an advanced ashless (zinc-free) additive system that provides optimum component protection from wear, rust and corrosion. The unique aromatic-free chemistry incorporated in this environmentally friendly hydraulic oil is ideally suited for applications that require strict compliance with U.S Coast Guard static sheen test requirements.

### Features and Benefits:

- **High Performance** – excellent wear protection for critical system components.
- **Environmentally Friendly / Non-Toxic** – formulated to pass the acute aquatic toxicity test.
- **Inherently Biodegradable**- when compared with conventional AW hydraulic oils.
- **Longer Service Life** – when compared to conventional zinc containing hydraulic oils or vegetable base oils.

### Typical Properties

ISO Viscosity		32	46	68
Product Code	Test Method	334932	334946	334968
Viscosity cSt @ 40°C	ASTM D445	32	46	68
Viscosity cSt @ 100°C	ASTM D445	5.5	6.8	8.8
Viscosity Index	ASTM D2270	105	102	100
Color	ASTM D1500	L1.0	L1.0	L1.0
Specific Gravity, 15.6 °C		0.85	0.86	0.87
Density, lb.gal		7.05	7.14	7.22
Flash Point, COC, °F (°C)	ASTM D92	420 (215)	425 (218)	430 (221)
Pour Point °F (°C)	ASTM D97	-20 (-28)	-20 (-28)	-20 (28)
Four Ball Wear, 40Kg	ASTM D2266	0.48	0.48	0.48

### AVAILABILITY:

**Gulf Green NS Hydraulic Oils** are available throughout Gulf's marketing area. Your Gulf representative can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853) or visit [www.gulflubricants.net](http://www.gulflubricants.net).