



CLARION® GREEN 460 GEAR LUBE

Date 1/09

DESCRIPTION: Clarion Green 460 Gear Lube is a high performance gear lube, designed for use in the gears of equipment operating in environmentally sensitive areas.

QUALITIES: Clarion Green 460 Gear Lube is aromatic-free, inherently biodegradable and will pass the U.S. Coast Guard static sheen test requirements. It is non-toxic to aquatic life, exceeding U.S. EPA LC₅₀ test requirements for mysidopsis-bahia shrimp, rainbow trout and fathead minnow.

Clarion Green 460 Gear Lube has excellent thermal and oxidative stability, exceeding 15,000 hours D 943 TOST Life, and is compatible with other premium mineral oil-based lubricants.

It is formulated with a state-of-the-art, ashless additive package that provides maximum wear protection, ensures optimum rust and corrosion protection, hydrolytic stability and longer service life, and is easily recycled.

APPLICATIONS: Clarion Green 460 Gear Lube is recommended for enclosed or open helical, herringbone, straight, spiral, bevel, and spur gears and bearings operating in environmentally sensitive areas such as off-shore drilling and production platforms.

TYPICAL PROPERTIES:

CLARION® GREEN 460 GEAR LUBE

ISO VIS Grade	460
Material Code	633554009
Color	Light Green
Gravity, ASTM D 4052, °API	28.4
Flash Point, COC, ASTM D 92, °F	496
Viscosity, ASTM D 445, cSt at 40°C	460
Viscosity Index, ASTM D 2270	96
Pour Point, ASTM D 97, °F	-2
Water Separation Time, ASTM D 1401 at 180°F	40-37-3(10)
Four Ball EP Wear, mm	
ASTM D 4172-A (20kg)	0.45
ASTM D 4172-B (40kg)	0.54
Timken, OK Load (oil) ASTM D 2782A	60
FZG Load Stage Pass	
DIN 51354, Part 2	12