Product Performance

RENOCLEAN GREEN

Mild alkaline, general purpose floor cleaner

Overview

1. **WATER QUALITY:** Product shows stability in hardness conditions equal to 500 ppm.
2. **FOAM CONTROL:** This floor cleaner exhibits very high foaming tendencies at room and elevated temperatures.
3. **ALUMINUM STAIN CONTROL:** Product does not stain aluminum grades. It is not compatible with all tested cast aluminum and alloys.
4. **YELLOW METAL STAIN CONTROL:** Product is compatible with both copper or brass.
5. **CORROSION CONTROL:** Product shows poor corrosion protection for steel. It shows rust at 10% water dilution.
6. **WASHING ABILITY:** Product provides good washing ability at room temperature. Better spray washing was observed at 120 and 150 F.
7. **TRAMP OIL REJECTION**: Product partially rejects tramp oil at 150 F.

Rev. 06/2011

Fuchs Lubricants Co.
17050 Lathrop Ave., Harvey IL 60426
(708) 333-8900
www.fuchs.com

Product Performance

RENOCLEAN GREEN

Mild alkaline, general purpose floor cleaner

Mix Stability Test

125 ppm 500 ppm 1000 ppm

TEST METHOD: Product is mixed at 5% in 125 ppm, 500 ppm, and 1000 ppm water and left to stand 24 hrs. Product is considered unsuitable at the demonstrated water hardness when a precipitate forms at the bottom or scum floats on top.

RESULT: Product is stable in hardness of 500 ppm.

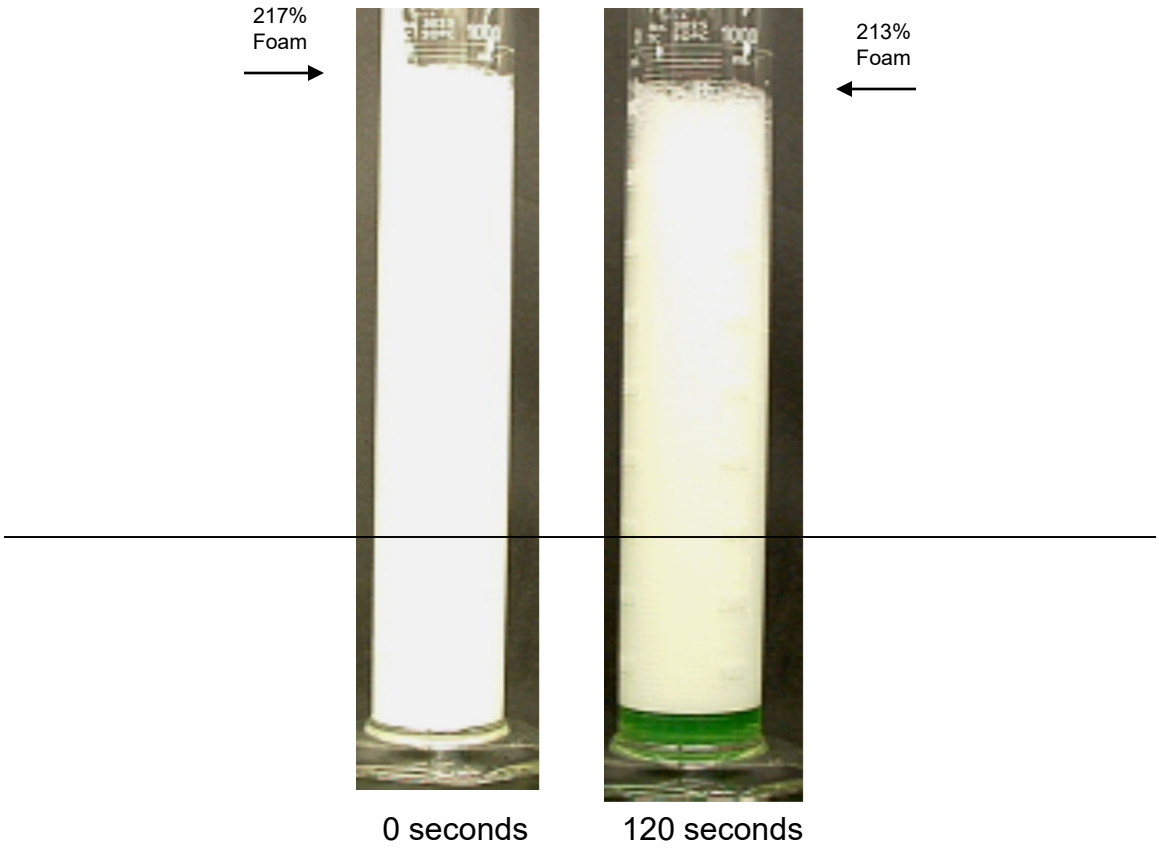
Fuchs Lubricants Co.
17050 Lathrop Ave., Harvey IL 60426
(708) 333-8900
www.fuchs.com

Product Performance

RENOCLEAN GREEN

Mild alkaline, general purpose floor cleaner

Blender Foam Test @ Room Temp.



TEST METHOD: 300 mL of product is mixed at 5% in Chicago tap water (CTW ~120 ppm), then blended for 1 minute at high speed. Time “0 seconds” is immediately after blending stops. Time “120 seconds” is 2 minutes after blending stops.

RESULT: Product exhibits high foaming under severe agitation at room temperature.

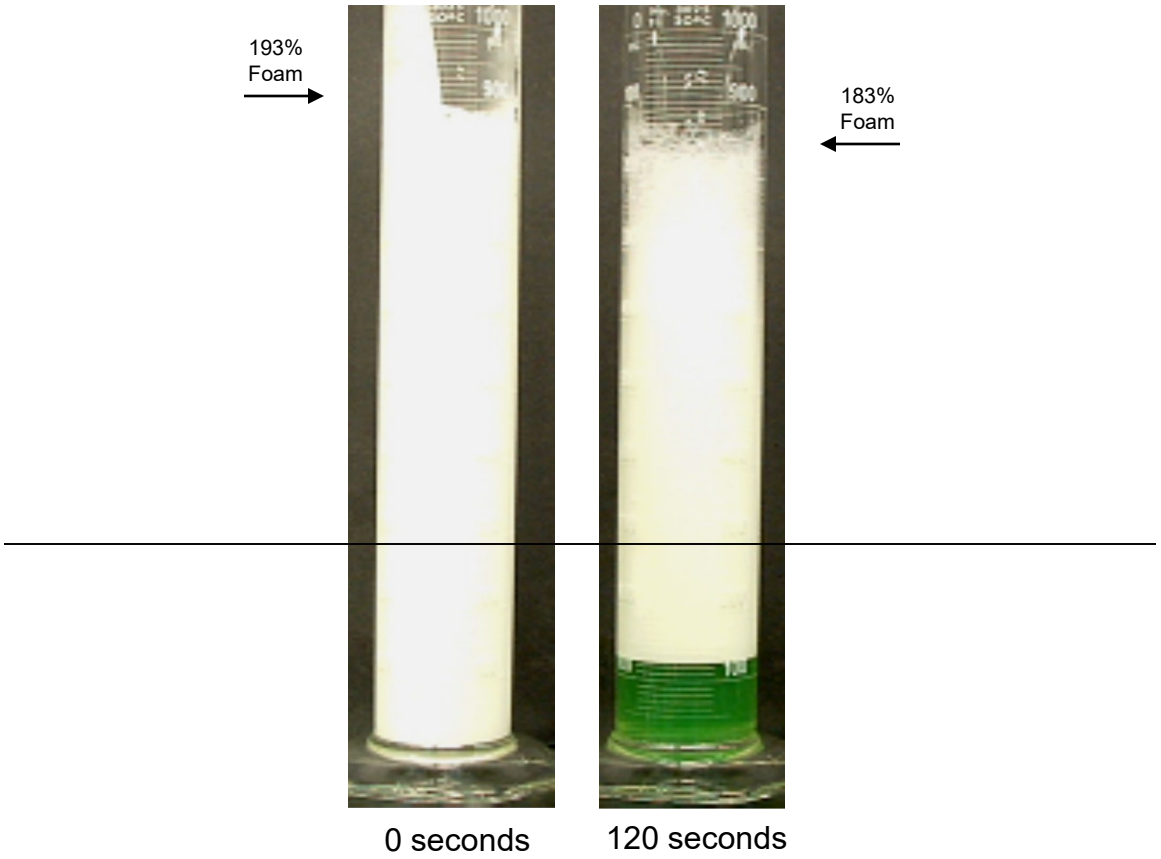
Fuchs Lubricants Co.
17050 Lathrop Ave., Harvey IL 60426
(708) 333-8900
www.fuchs.com

Product Performance

RENOCLEAN GREEN

Mild alkaline, general purpose floor cleaner

Blender Foam Test @ 120 F



TEST METHOD: 300 mL of product is mixed at 5% in Chicago tap water (CTW ~120 ppm), then blended for 1 minute at high speed. Time “0 seconds” is immediately after blending stops. Time “120 seconds” is 2 minutes after blending stops.

RESULT: Product exhibits high foaming under severe agitation at 120 F.

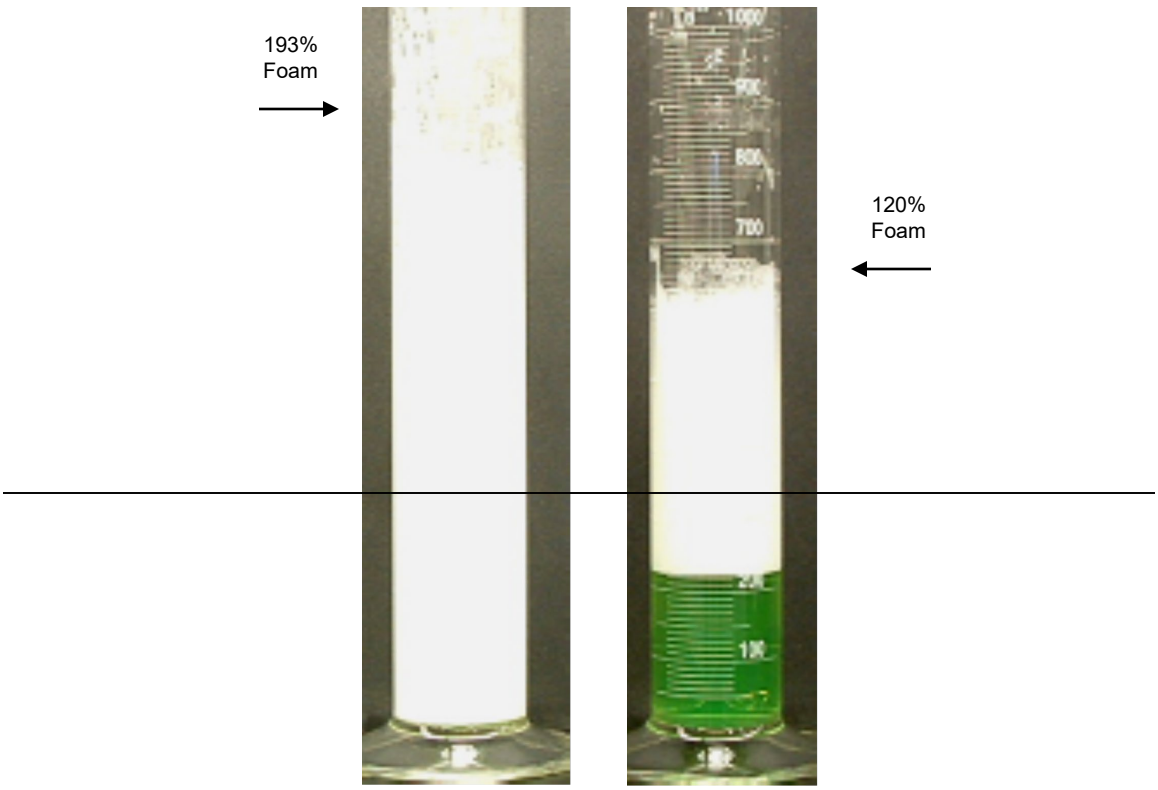
Fuchs Lubricants Co.
17050 Lathrop Ave., Harvey IL 60426
(708) 333-8900
www.fuchs.com

Product Performance

RENOCLEAN GREEN

Mild alkaline, general purpose floor cleaner

Blender Foam Test @ 150 F



TEST METHOD: 300 mL of product is mixed at 5% in Chicago tap water (CTW ~120 ppm), then blended for 1 minute at high speed. Time “0 seconds” is immediately after blending stops. Time “120 seconds” is 2 minutes after blending stops.

RESULT: Product exhibits moderate foaming under severe agitation at 150 F.

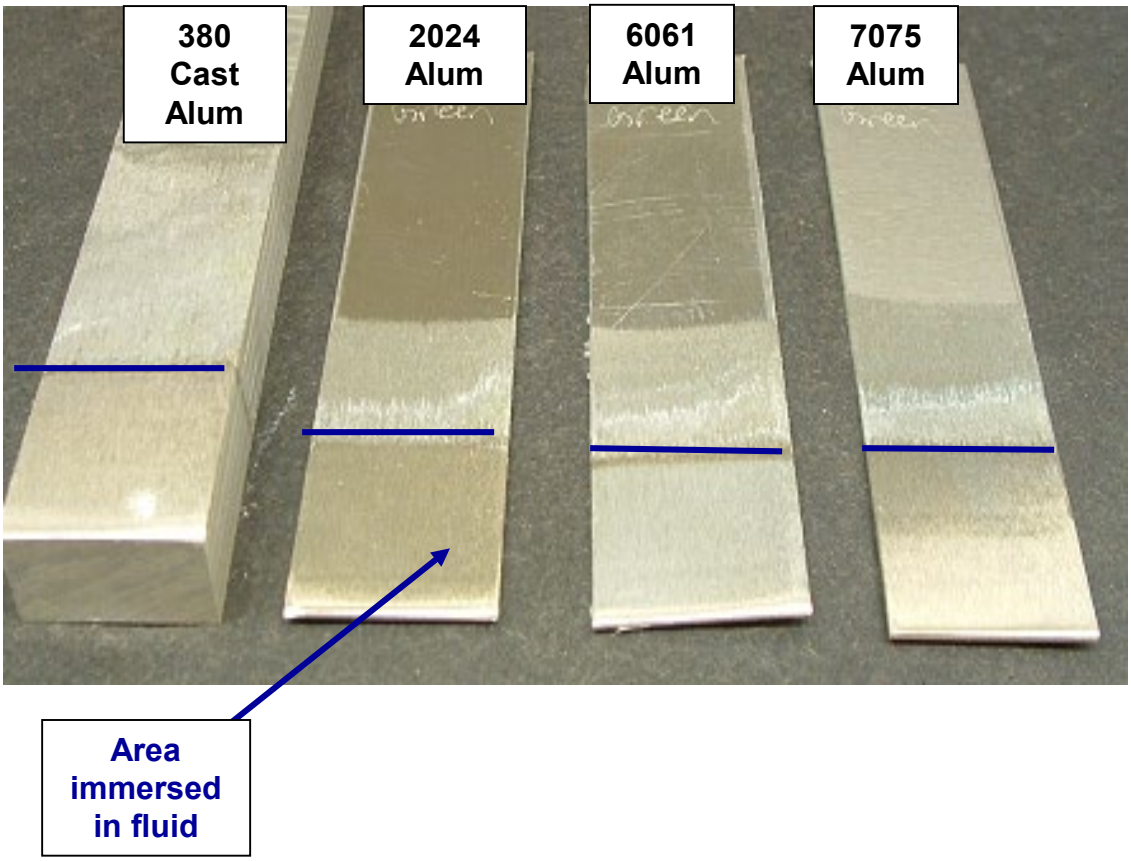
Fuchs Lubricants Co.
17050 Lathrop Ave., Harvey IL 60426
(708) 333-8900
www.fuchs.com

Product Performance

RENOCLEAN GREEN

Mild alkaline, general purpose floor cleaner

Non-Ferrous Stain Testing (Aluminum)



TEST METHOD: Specimens were mechanically sanded, stored in acetone then immersed in product mixed at 5% in Chicago Tap Water (~120 ppm) for 20 hours.

RESULT: Product does not stain aluminum grades.

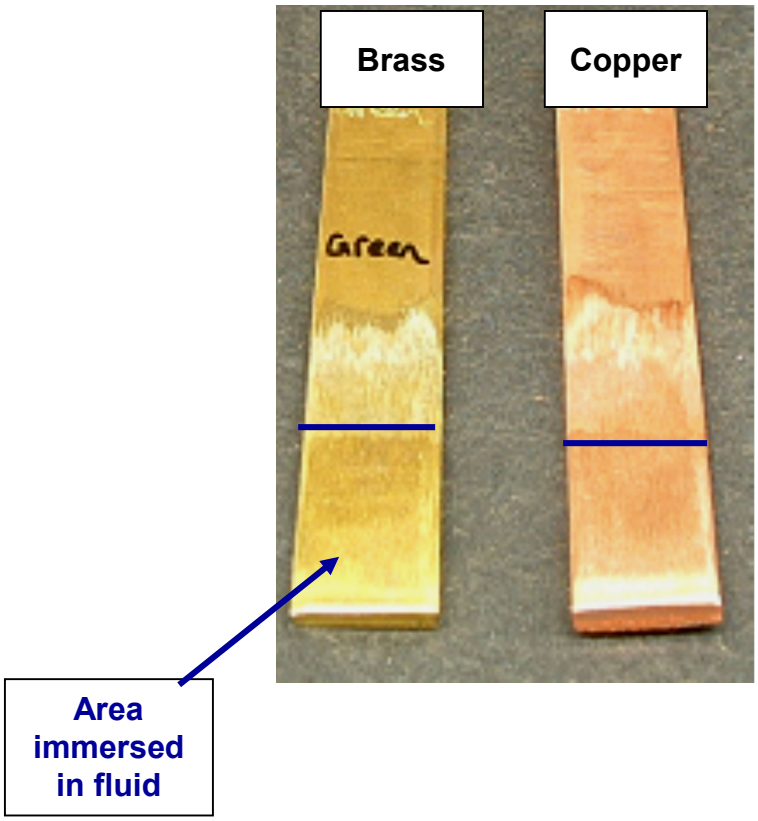
Fuchs Lubricants Co.
17050 Lathrop Ave., Harvey IL 60426
(708) 333-8900
www.fuchs.com

Product Performance

RENOCLEAN GREEN

Mild alkaline, general purpose floor cleaner

Non-Ferrous Stain Testing (Copper Alloys)



TEST METHOD: Specimens were mechanically sanded, stored in acetone then immersed in product mixed at 5% in Chicago Tap Water (~120 ppm) for 20 hours.

RESULT: Product is compatible with both copper and brass.

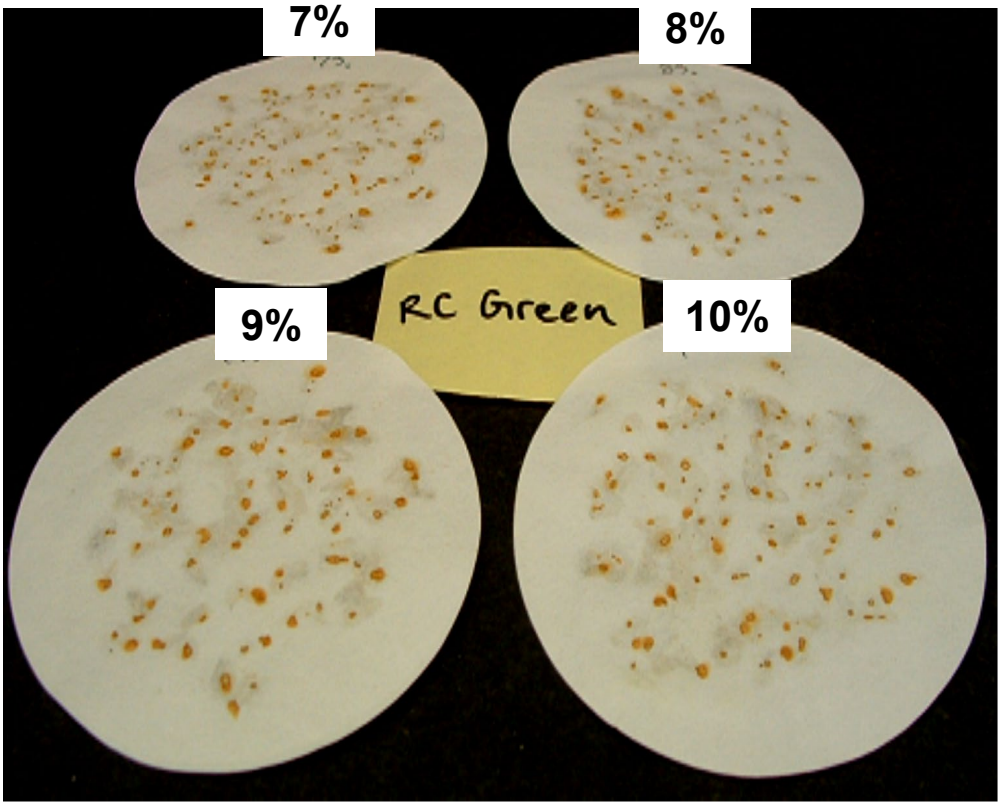
Fuchs Lubricants Co.
17050 Lathrop Ave., Harvey IL 60426
(708) 333-8900
www.fuchs.com

Product Performance

RENOCLEAN GREEN

Mild alkaline, general purpose floor cleaner

CICT



Chicago Tap Water (< 25 ppm chloride)

TEST METHOD: Product was mixed at indicated concentrations in Chicago Tap Water (<25 ppm chloride). This fluid is then applied to ASTM cast iron chips which were placed on filter paper & left for 24 hrs.

RESULT: Product shows poor corrosion protection in city water.

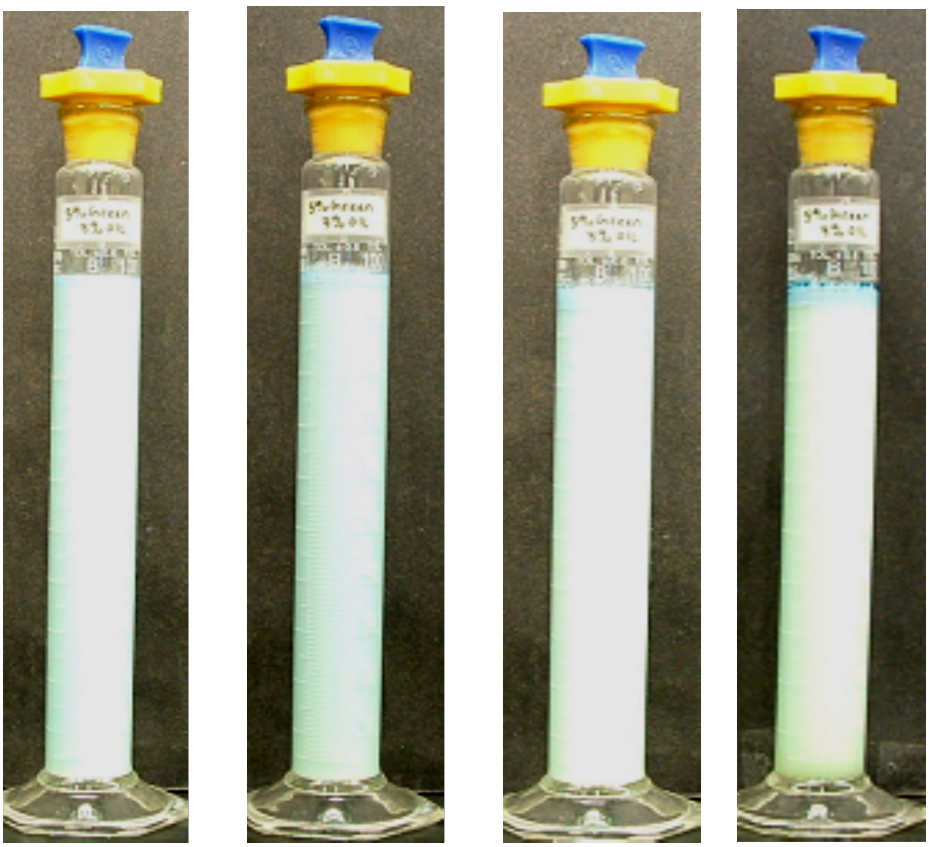
Fuchs Lubricants Co.
17050 Lathrop Ave., Harvey IL 60426
(708) 333-8900
www.fuchs.com

Product Performance

RENOCLEAN GREEN

Mild alkaline, general purpose floor cleaner

Tramp Oil Rejection @ 150 F



5 min. 10 min. 30 min. 24 hrs.

TEST METHOD: 3% tramp oil is added to 5% CTW mixture of cleaner product. This solution is heated up to 150 F and agitated in a blender at high speed for 3 minutes. Finally, it is transferred to a graduated cylinder. Observations were made at 5, 10, 30 minutes, and 24 hours.

RESULT: Product partially rejects tramp oil at 150 F.

Fuchs Lubricants Co.
17050 Lathrop Ave., Harvey IL 60426
(708) 333-8900
www.fuchs.com