



609-386-8770 | Fax: 609-386-8438 | www.ipcol.com |



Patch Test Results for Precipitation



Pure ATF , Initial



1% P-80E in ATF,
Initial



Pure ATF, 80°C,
256 hours

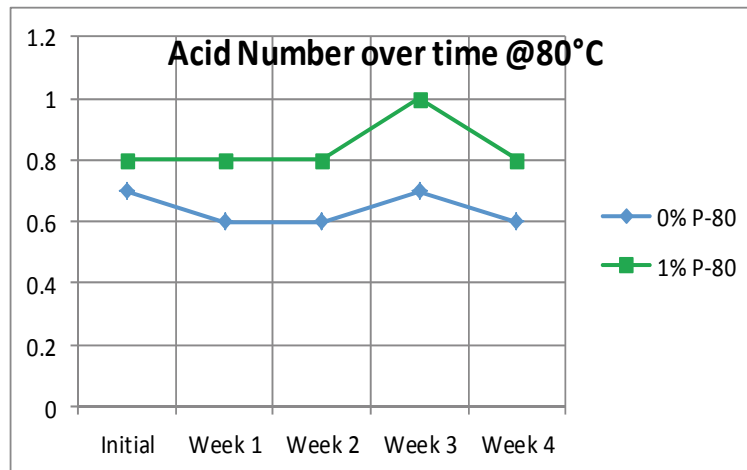


1% P-80 in
ATF, 80°C,
256 hours,

P-80® Rubber Lubricant Emulsion with DEXTRON III Automatic Transmission Fluid (ATF)

CONCLUSION

P-80 was found compatible with ATF. No differences were found between the control samples and the ones spiked with P-80 Emulsion. No precipitation occurred as shown in the patch tests; no staining was found on aluminum, copper and stainless steel and no oxidation occurred based on the acid numbers.

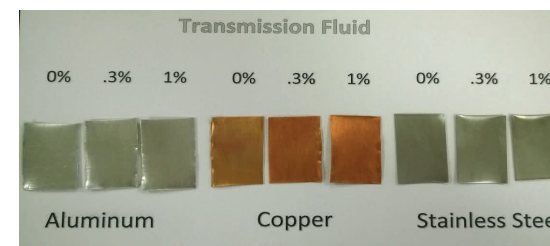


PROCEDURE

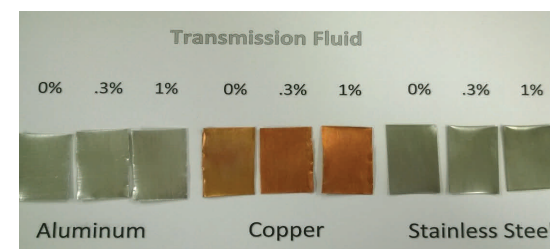
Both 0.3% and 1.0% P-80 were added to ATF and the mixtures evaluated over time for precipitation, corrosiveness, and oxidation at 80°C for 256 hours.

Disclaimer: Customers should conduct their own tests before using P-80 Rubber Lubricant Emulsion.

Metal Compatibility



Initial



After 256 hours @ 80°C





609-386-8770 | Fax: 609-386-8438 |

P-80[®] Rubber Lubricant Emulsion and Motor Oil

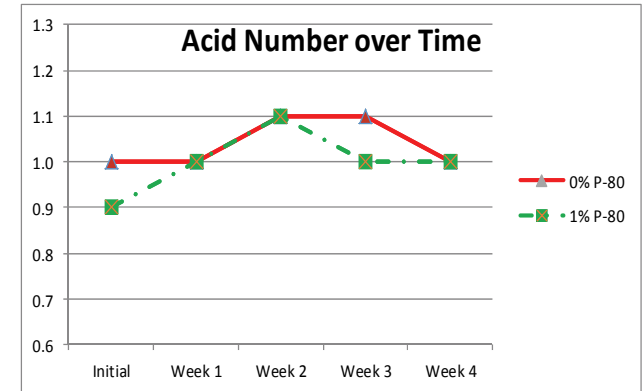


PROCEDURE

Both 0.3% and 1.0% P-80 were added to traditional motor oil and the mixtures evaluated over time for precipitation, corrosiveness, and oxidation at 80°C for 220 hours.

CONCLUSION

P-80 was found compatible with traditional motor oil. No differences were found between the control samples and the ones spiked with P-80 Emulsion. No precipitation occurred as shown in the patch tests; no staining was found on aluminum, copper and stainless steel and no oxidation occurred based on the acid numbers.



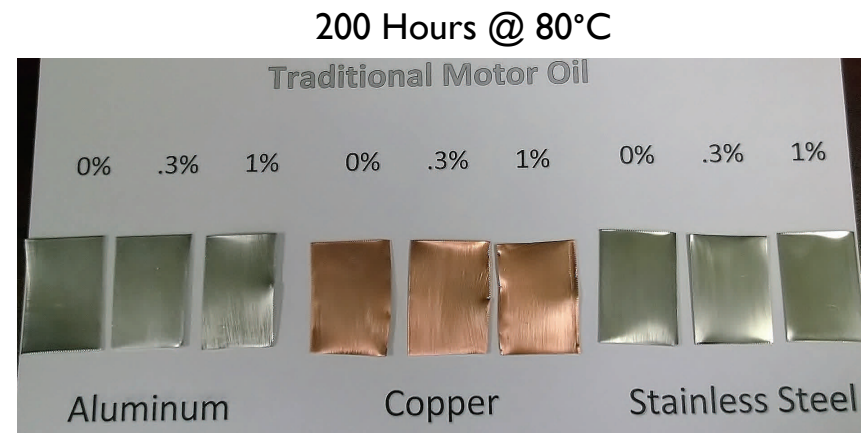
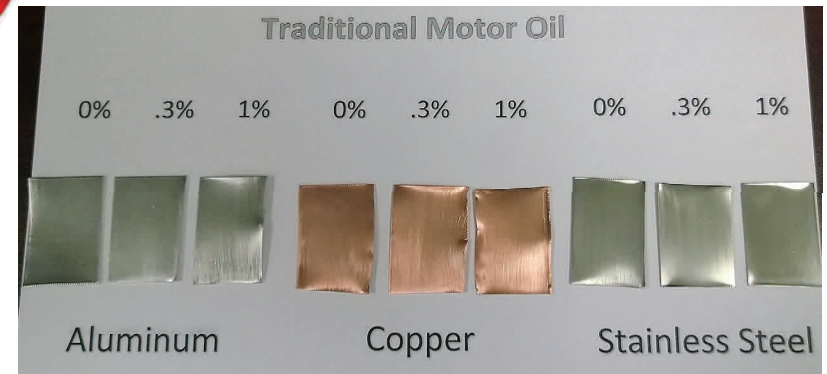
Patch Test Results

Initial

220 Hours @ 80°C

No P-80

1% P-80





International Products
CORPORATION

609-386-8770 | Fax: 609-386-8438 | www.ipcol.com |

P-80® Rubber Lubricant Emulsion and Brake Fluid

Patch Tests

0% P-80 Initial



1% P-80



CONCLUSION

P-80 was found compatible with brake fluid. No differences were found between the control samples and the ones spiked with P-80 Emulsion. No precipitation occurred as shown in the patch tests; no staining was found on aluminum, copper and stainless steel and trends in the acid numbers were the same.

0% P-80



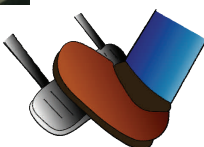
1% P-80



370 Hours @ 80°C

PROCEDURE

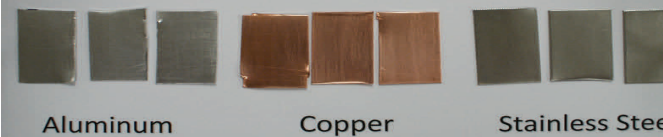
Different dilutions of P-80 were added to brake fluid and the mixtures evaluated over time for precipitation, corrosiveness, and oxidation. at 80°C for 370 hours.



Initial

Traditional Brake Fluid

0% .3% 1% 0% .3% 1% 0% .3% 1%



370 Hours @ 80°C

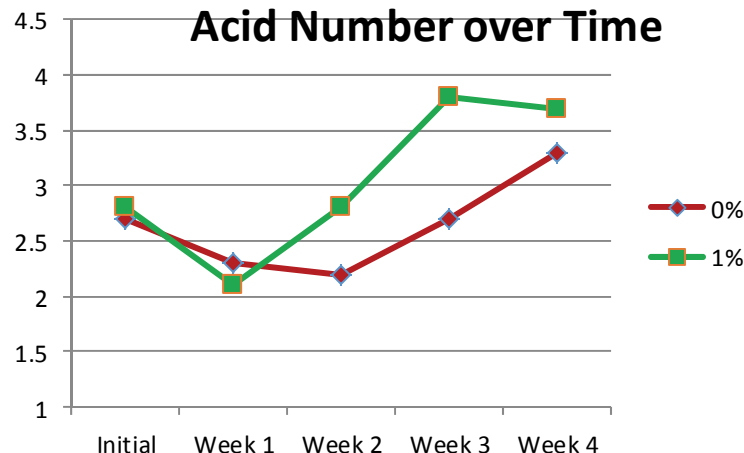
Traditional Brake Fluid

0% .3% 1% 0% .3% 1% 0% .3% 1%



Metal Compatibility

Acid Number over Time



Disclaimer: Customers should conduct their own tests before using P-80 Rubber Lubricant Emulsion.





P-80[®] Rubber Lubricant Emulsion and Antifreeze

CONCLUSION
 P-80 was found compatible with Prestone antifreeze. No differences were found between the control samples and the ones spiked with P-80 Emulsion. No precipitation occurred as shown in the patch tests; no staining was found on aluminum, copper and tin and the trends in the acid numbers were the same.

Initial
0% P-80

1% P-80



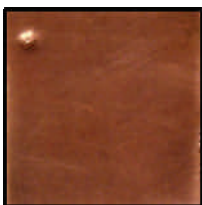
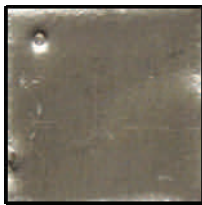
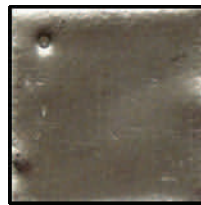
330 Hours @ 80°C

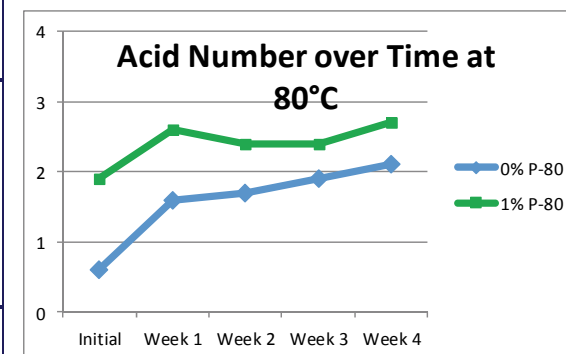
0% P-80

1% P-80



0.25% P-80 Emulsion Prestone Antifreeze for 288 Hours at Room Temperature

	Pre-Treatment	Post-Treatment	Gloss Retention
Aluminum			99.93%
Copper			100.00%
Tin			94.90%



PROCEDURE

Different dilutions of P-80 were added to Prestone antifreeze and the mixtures evaluated over time for precipitation, corrosiveness, and oxidation. Acid number and patch test samples were run at 80°C. Gloss retention studies were conducted at room temperature.

Disclaimer: Customers should conduct their own tests before using P-80 Rubber Lubricant Emulsion.



International Products
CORPORATION

609-386-8770 | Fax: 609-386-8438 | www.ipcol.com

P-80[®] Rubber Lubricant Emulsion and Power Steering Fluid

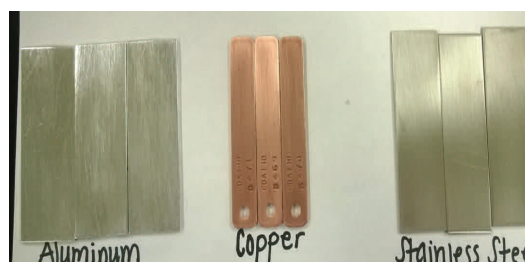


Initial

Initial
0% P-80



1% P-80

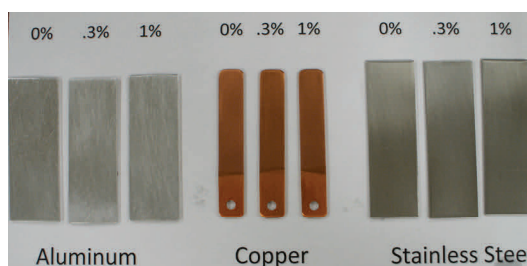


330 Hours @ 80°C

330 Hours @ 80°C
0% P-80



1% P-80

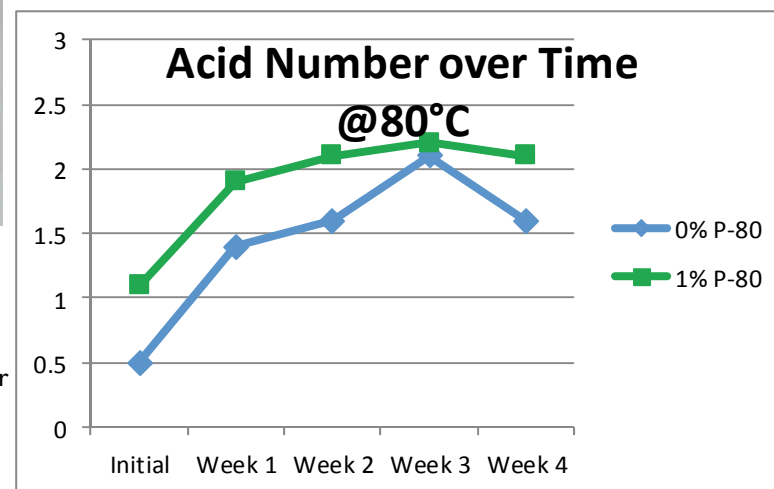


CONCLUSION

P-80 was found compatible with power steering fluid. No differences were found between the control samples and the ones spiked with P-80 Emulsion. No precipitation occurred as shown in the patch tests; no differences in staining were found on aluminum, copper and stainless steel and the trends in the acid numbers were the same.

PROCEDURE

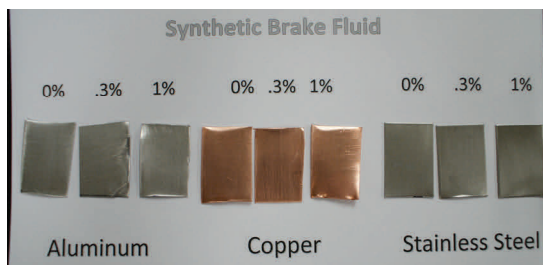
Different dilutions of P-80 were added to power steering fluid and the mixtures evaluated for precipitation, corrosiveness, and oxidation at 80°C for 330 hours.



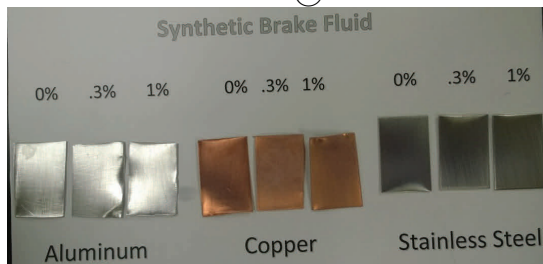
Disclaimer: Customers should conduct their own tests before using P-80 Rubber Lubricant Emulsion.

P-80[®] Rubber Lubricant Emulsion and Synthetic Brake Fluid

Initial



360 Hours @ 80°C

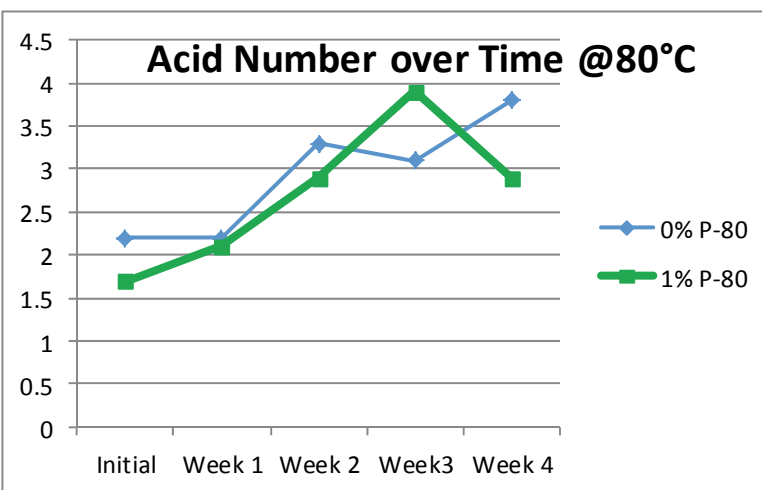


PROCEDURE

Different dilutions of P-80 were added to synthetic brake fluid and the mixtures evaluated over time for precipitation, corrosiveness, and oxidation at 80°C for 360 hours.

CONCLUSION

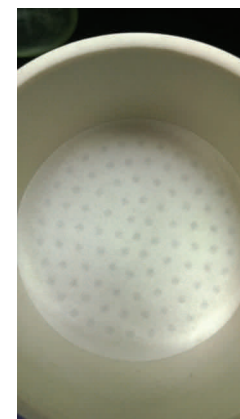
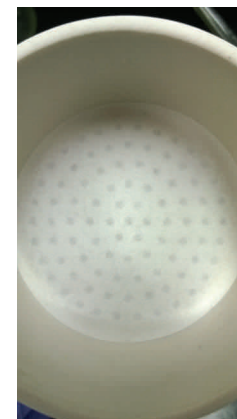
P-80 was found compatible with synthetic brake fluid. No differences were found between the control samples and the ones spiked with P-80 Emulsion. No precipitation occurred as shown in the patch tests; no staining was found on aluminum, copper and stainless steel and the trends in acid numbers were the same.



Initial

0% P-80

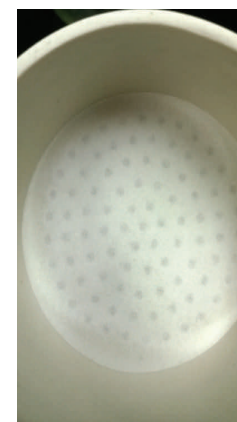
1% P-80



360 Hours @ 80°C

0% P-80

1% P-80





P-80[®] Rubber Lubricant Emulsion and Synthetic Motor Oil

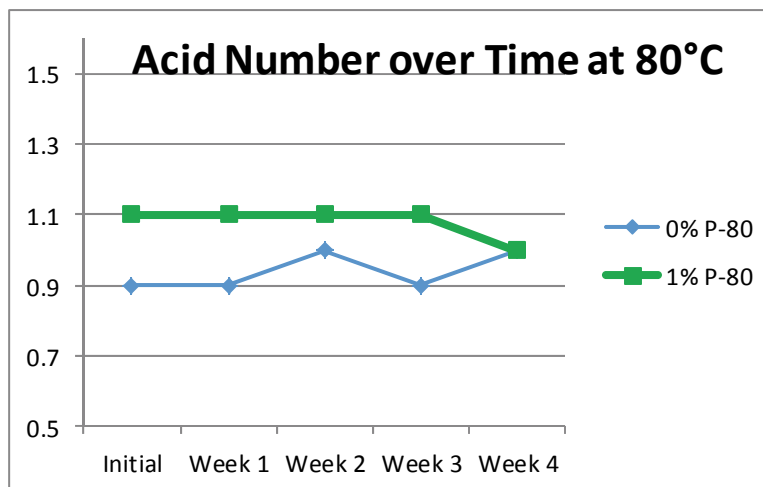
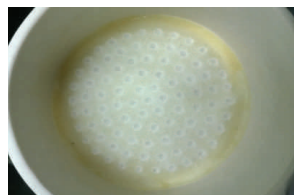


Initial

0% P-80



1% P-80

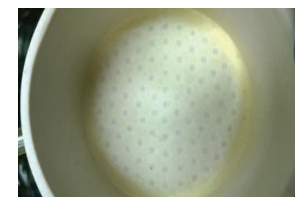


200 Hours @ 80°C

0% P-80



1% P-80

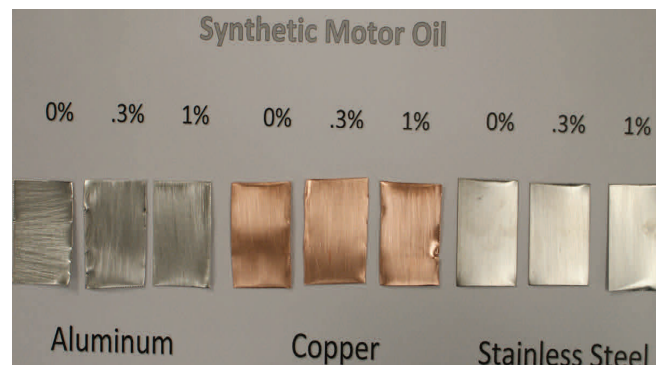


CONCLUSION

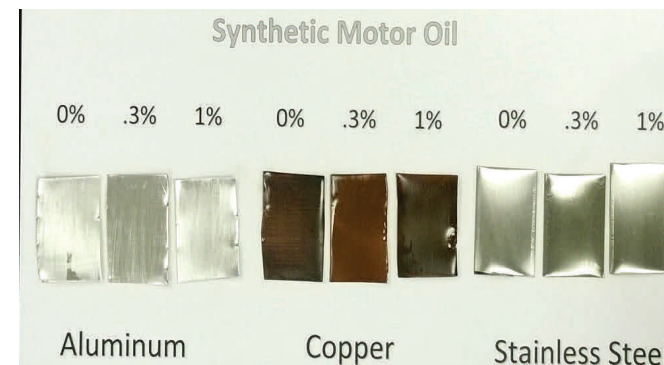
P-80 was found compatible with synthetic motor oil. No differences were found between the control samples and the ones spiked with P-80 Emulsion. No precipitation occurred as shown in the patch tests and no oxidation based on the acid numbers. Copper darkened equally in the control and spiked samples. Aluminum and stainless steel were unaffected by P-80.

PROCEDURE

Different dilutions of P-80 were added to synthetic motor oil and the mixtures evaluated over time for precipitation, corrosiveness, and oxidation at 80°C for 200 hours.



Initial



200 Hours @ 80°C