



[JOHN GARDNER / IRWINDALE] RUBBER PLANT #1

| Customer: PTRHTF10198 | System Information | Sample Information |
|--|---|--|
| ALL AMERICAN ASPHALT 400 EAST SIXTH STREET CORONA, CA 92878-2229 USA Attn: John Gardner Tel: (951)232-4145 E-Mail: jgardner@allamericanasphalt.com | System Volume: 650 gal Bulk Operating Temp: 550F / 288C Heating Source: Blanket: Fluid: PHILLIPS 66 DIAMOND CLASS HEAT TRANSFER 32 Make: CEI | Lab No: 02230160 Analyst: Steven Slanker Sample Date: 07/03/18 Received Date: 07/24/18 Completed: 08/15/18 To discuss this report contact Steven Slanker at (951)225-2115 |

Recommendation: Both acid number and pentane insoluble are severely high. Viscosity is also high. Fluid has been heavily oxidized. Recommend drain, clean, flush and recharge.

Comments: Pentane Insolubles levels are severely high. Acid Number (AN) is severely high.

| Sample Date | Received Date | Fluid Age | Sample Location | Flash Point (COC) | Water (KF) | Viscosity (40°C) | Acid Number | Solids | GCD 10% | GCD 50% | GCD 90% | GCD % < 335°C |
|---------------|---------------|-----------|-----------------|-------------------|------------|------------------|-------------|--------|-----------|-----------|-----------|---------------|
| | mm/dd/yy | | | °F/°C | ppm | cSt | mg/KOH/g | %wt | °F/°C | °F/°C | °F/°C | % |
| 07/03/18 | 07/24/18 | 0h | | 406 / 208 | 55.3 | 37.0 | 1.43 | 1.11 | 710 / 377 | 773 / 411 | 874 / 468 | 0.00 |
| Baseline Data | | | | 437 / 225 | | 32.0 | 0.01 | | | | | |



