

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

PANTEX DURANT SKID

Hydraulic System

AW HYDRAULIC OIL ISO 46 (300 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Particle Filter (Magn: 200 x)



SAMPLE INFORMATION method PH0003628 PH0003626 Sample Number **Client Info** 13 Jun 2024 07 Nov 2023 Sample Date Client Info 0 Machine Age vrs **Client Info** 50 Oil Age yrs Client Info 0 0 Oil Changed Client Info Filtered Filtered NORMAL Sample Status NORMAL CONTAMINATION Water >0.05 NEG NEG WC Method WEAR METALS ppm ASTM D5185m >20 1 0 Iron 0 Chromium ASTM D5185m >20 ppm <1 Nickel 0 ppm ASTM D5185m >20 <1 Titanium ASTM D5185m <1 0 ppm 0 Silver n ppm ASTM D5185m Aluminum ppm ASTM D5185m >20 2 0 Lead ASTM D5185m >20 2 <1 ppm >20 <1 Copper ppm ASTM D5185m 1 0 Tin ASTM D5185m >20 <1 ppm Vanadium 0 0 ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m <1 5 5 0 Boron ppm ASTM D5185m ASTM D5185m 5 0 Barium ppm 0 Molvbdenum ppm ASTM D5185m 5 <1 0 ASTM D5185m <1 0 Manganese ppm 0 Magnesium ASTM D5185m 25 1 ppm 24 Calcium ASTM D5185m 200 40 ppm Phosphorus ASTM D5185m 300 277 250 ppm Zinc ppm ASTM D5185m 370 328 309 Sulfur ASTM D5185m 2500 1668 740 ppm 2 2 Silicon ppm ASTM D5185m >15 Sodium ASTM D5185m 0 ppm <1 Potassium ASTM D5185m >20 <1 ppm 1 FLUID CLEANLINESS Particles >4µm ASTM D7647 >2500 1763 1270 Particles >6µm ASTM D7647 >640 499 338 36 29 Particles >14µm ASTM D7647 >160 Particles >21µm ASTM D7647 >40 4 8 0 0 Particles >38µm ASTM D7647 >10 Particles >71µm ASTM D7647 >3 0 0 **Oil Cleanliness** 18/16/12 ISO 4406 (c) >18/16/14 17/16/12 FLUID DEGRADATION

Acid Number (AN) mg k

N) mg KOH/g ASTM D8045

0.57

0.33

0.30 ----

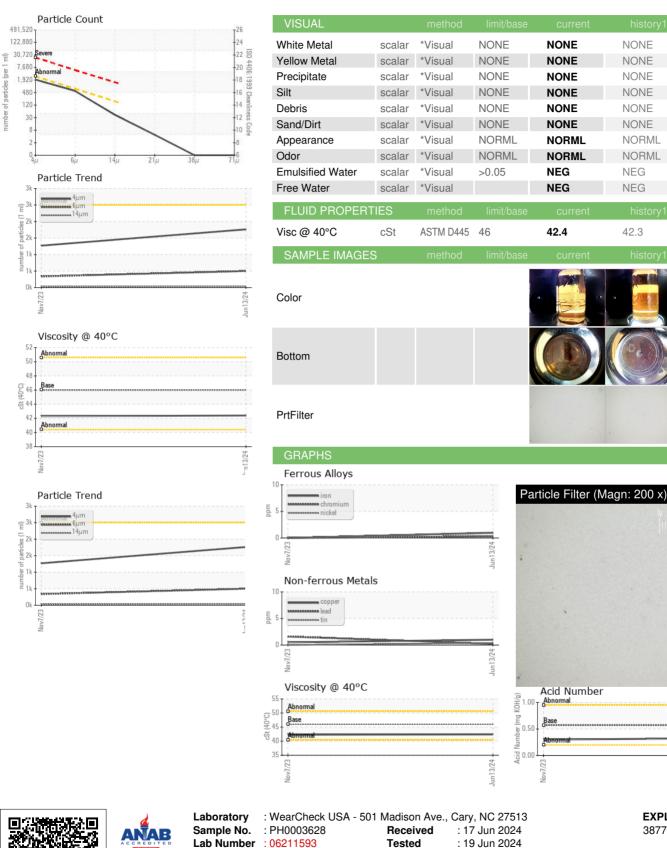
Report Id: EXPCOA [WUSCAR] 06211593 (Generated: 06/20/2024 12:36:01) Rev: 1

Submitted By: Eric Lewis



number of particles (per 1

OIL ANALYSIS REPORT



EXPLORER PIPELINE 38776 STATE HWY 31 COALGATE, OK US 74538 Contact: Eric Lewis elewis@expl.com T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

3/24

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

42.3

no image

no image

no image

Certificate 12367

Unique Number : 11084457

Test Package : PLANT (Additional Tests: PrtFilter)

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Diagnosed

: 19 Jun 2024 - Angela Borella