

### **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 ----

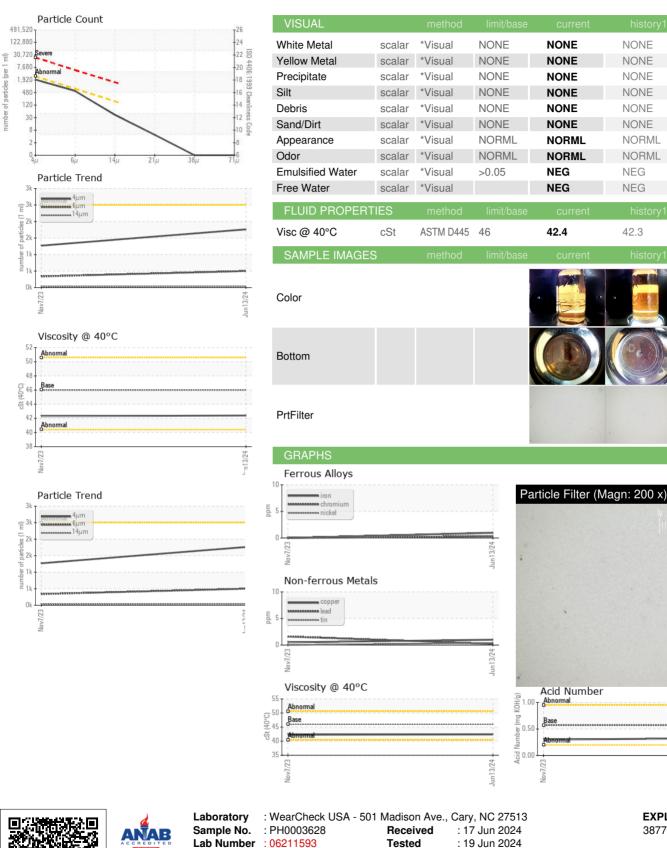
Report Id: EXPCOA [WUSCAR] 06211593 (Generated: 06/20/2024 12:36:01) Rev: 1

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