

TRANSFORMER OIL DATA SHEET  
Standard Oil Analysis

DATE : 11/3/2006  
CUSTOMER : HVES  
CIRCUIT/LOCATION : HVES #9  
MANUFACTURER : Howard Industries  
KVA/TYPE or M/N : 2000  
S/N : 4972393906

<u>TEST</u>	<u>ASTM</u>	<u>LIMITS*</u>	<u>RESULTS</u>
WATER CONTENT	D1533	20 Max	: 5 ppm
INTER-FACIAL TENSION	D971	32 Min	: 43.5 Dynes/ppm
NEUTRALITY	D974	0.10 Max	: 0.003 mg KOH/g
COLOR	D1500	3.5 Max	: <0.5
VISUAL EXAMINATION	D1524	N/A	: Clear & bright
DIELECTRIC	D877	26 Min	: 38 kV
SPECIFIC GRAVITY	D1298	0.91 Max	: 0.881

\*NETA Table 100.4.1 and ANSI/IEEE C57.106-2002 "Guide for Acceptance and Maintenance of Insulating Oil in Equipment," Table 7.

COMMENTS: