

enduro CASE STUDY

PROJECT NAME:

Mineral Oil Circulating Tanks

ENDURO PRODUCTS:

12' x 25' PVDF lined tanks (dual laminate) with dished top and cone bottom (2)

FRP MATERIAL:

DERAKANE 510N

OPERATING/DESIGN TEMPERATURE:

150° F / 200° F



APPLICATION SUMMARY

With an installation of straight FRP tanks that had lasted approximately 30 years, customer was in need of replacement tanks. Customer specified dual laminate tanks in order to lengthen life cycle of replacement tanks, aiming for up to 50 years. These tanks store recirculating mineral oil used to support the production of catalyst at the facility.

SOLUTION

Enduro supplied customer two PVDF lined dual laminate tanks with DERAKANE 510N used as the structure resin. The customer's installation area was especially tight so Enduro developed a unique hydro testing system for required testing at the facility to ease installation. Enduro worked closely with the customer to develop a cost effective solution for testing and installation.



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