



Introduction to APT

Investment Highlights

LEADING-EDGE TECHNOLOGY READY FOR COMMERCIALIZATION. After more than a decade and a half and over US\$50 million of research and development, APT is the master holder of the world's most extensive emulsified fuel technology platform. APT's Technology, which is fully developed and ready for immediate commercialization, has been licensed and sub-licensed to a number of international companies, which included: Caterpillar Inc., Lubrizol Corporation, Chevron and Shell Oil.

LARGE AND GROWING TARGET MARKET. APT markets its products and services to certain sectors of the nearly 85 million barrels per day worldwide petroleum market. As global economies continue to expand, the Energy Information Administration estimates that the growth in petroleum consumption will increase at an average rate of approximately 1.9% annually.

COMPELLING COST ADVANTAGE AND VALUE PROPOSITION. The APT emulsified fuels are typically less expensive than traditional petroleum products for a variety of reasons, including: energy efficiency gains, removal of the need to install costly "environmental" equipment, and reduced equipment downtime and maintenance costs. In the transportation, stationary generator and boiler markets, independent testing has shown that the APT's products increase efficiency, thereby lowering the effective cost of fuel. Consumers typically reduce fuel costs while simultaneously reducing harmful exhaust emissions.

REDUCED EMISSIONS. Emulsions are one of the few fuel technologies that simultaneously reduce both nitrogen oxide (NOx) and particulate matter (PM) emissions and have been proven in commercial applications and by third party testing and trials.

THIRD PARTY VERIFICATION. APT's Technology has been proven in commercial applications and by third party testing and trials.

REGULATORY ISSUES OVERCOME. The fuels market is highly regulated and after many years and at considerable cost, APT has overcome initial barriers in the United States and elsewhere.

EXPERIENCED MANAGEMENT TEAM. APT has assembled a highly experienced management team, with an extensive background in both business and the sciences. Senior management brings a lengthy and varied business experience in both public and private companies.

APT's Proprietary Technology

The critical components required for the production of APT Emulsified fuels are: APT Additives, APT Blending Units, and APT "Know How".

APT ADDITIVES – are a family of proprietary liquid formulations that chemically bind water and petroleum products into stable emulsions. APT Additives typically comprises of 0.5% to 2% of the finished fuel, and are relatively inexpensive, easily transported, stored and applied.

APT BLENDING UNITS – are relatively inexpensive, simple to assemble, operate with minimal service and maintenance requirements, and are protected in some cases by patents and trade secrets.

APT "KNOW HOW" – is the accumulated knowledge regarding the properties, combustion characteristics and handling requirements of emulsified fuels that has been developed over the last seventeen years. Much of this "know how" was gained from extensive testing of products in diesel engines, combustion turbines, furnaces and steam boilers.

Company Overview

Alternative Petroleum Technologies (APT) is a publically held environmental company that features a proprietary emulsion technology for a broad range of petroleum products. Emulsified fuels are stable mixtures of water and petroleum products that can be less expensive and cleaner to combust than the traditional fuels they replace. APT reliably produces highly stable and cost effective emulsified fuels of consistent quality. APT is the only company in the world that offers the full range of customized emulsion technology for virtually all petroleum products. APT's fuel emulsion technology can significantly enhance financial returns, while at the same time reducing harmful emissions.