

Predator*

Opportunity Crude Processing

Features

- **Detect** – Non Destructive Testing (NDT) detection consists of a suite of tools used to provide the most comprehensive portfolio of non-destructive testing, including the RCM for Naphthenic Acid detection.
- **Predict** – Experiential Knowledge Base for prediction has the capability to match process conditions, crude slates and refinery configurations to the refinery in question. No one else has the capability of predicting performance under various process conditions and determining "best practice" as we can with the experiential Knowledge Base.
- **Assure** – Patented chemistry for protection was uniquely developed with 2 major oil companies using pilot plant testing and laboratory analysis. Customers have tested the chemistry. It reveals the most inhibition and the least risk of any product on the market today.

Description and Use

Predator uses a comprehensive program of chemistry, experiential data and NDT to allow refiners to process discounted crudes without increased risk to equipment, processes or product quality

Typical Applications

Predator employs detailed unit surveys to identify chemical injection systems and suspected problem areas. It researches crude behavior in refineries globally to predict performance and places NDT equipment at strategic locations to detect results.

Treatment and Feeding Requirements

Requires access to unit data and crude slate information. Installation of NDT equipment and typical chemical feed systems will be necessary.

Packaging Information

Chemicals are provided in traditional containers. The knowledge base can be manually loaded or can pull directly from instrumentation. NDT is installed on-line.

Safety Precautions

Permits will be necessary for installation of equipment.

A Material Safety Data Sheet containing detailed information about the chemical portion of Predator is available on request.



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