

KADAKS

Sustainable Fuel Solutions

20X50 FUEL ADDITIVE

ABS

BUREAU
VERITAS



DNV·GL

INTRODUCTION

Fuel related problems?

- In order to produce low residual product, modern fuel refining techniques alter the chemical structure of hydrocarbons in crude oil. As side effect, composition of asphaltenes and other impurities has risen drastically in HFO in recent years causing a hike in hazardous particulate emissions.
- Fuel delivered to HFO users has high concentration of suspended solids which reduces the quality of combustion.
- New fuel may be incompatible with fuel already present in tanks and can cause asphaltene precipitation, reducing fuel efficiency significantly.
- Sludge accumulated over years on the tank bottoms may be stirred up, dispersing sludge throughout the fuel tank.
- Chemically altering methods of fuel filtration cause high Calculated Carbon Aromaticity Index (CCAI) in delivered HFO and lead to incomplete combustion.

We have the solution!

KADAKS 20X50 is an eco-friendly fuel additive created specifically to reduce soot emissions, reduce scaling, separate asphaltenes, to homogenize the fuel, and to enhance atomization in fossil fuels. Easy to store, handle and transport KADAKS 20X50 is the simple solution for all your fuel related problems. Whether your engines run on heavy fuel oil, marine gas oil/diesel or gasoline we can help you with the use of our unique formula. KADAKS 20X50 is non-hazardous and environmentally friendly which makes it very convenient to transport via air cargo without the need of hazmat or any extra documentation.

Our Mission is based on the foundation of research and the unrelenting commitment to develop sustainability and protect the environment. This gave us the vital direction in creating and manufacturing an innovative and revolutionary product. The benefits of KADAKS 20X50 have been proved by rigorous practical and lab tests and our formula counts with the support and class society certification from ABS, BV and LR.

DOSAGE

KADAKS fuel treatment dissolves readily in fuel and should be poured into the main fuel tanks or double bottom tanks through the feed line, sounding or vent pipes prior to bunkering. Under circumstances when tanks are already filled KADAKS can be poured in via sounding or vent pipes and dispersed by blowing air.

HFO

- **Initial dosage:** 1 liter per 25 tons of HFO (*one time only to offset any remaining oil in pipeline & tanks*)
- **Subsequent dosage:** 1 liter per 50 tons of HFO (continuous treatment)

Before bunkering (*Recommended*):

Pour KADAKS into the main fuel tanks or double bottom tanks through feed-lines, sounding pipes or vent pipes.

After bunkering: Pour KADAKS into the settling tank using either sounding pipes, vent pipes or dosage pump. Follow by blowing air to aid circulation.

DIESEL

- **Initial dosage:** 1 liter per 5 tons of DIESEL (*one time only to offset any remaining oil in pipeline & tanks*)
- **Subsequent dosage:** 1 liter per 10 to 15 tons of DIESEL

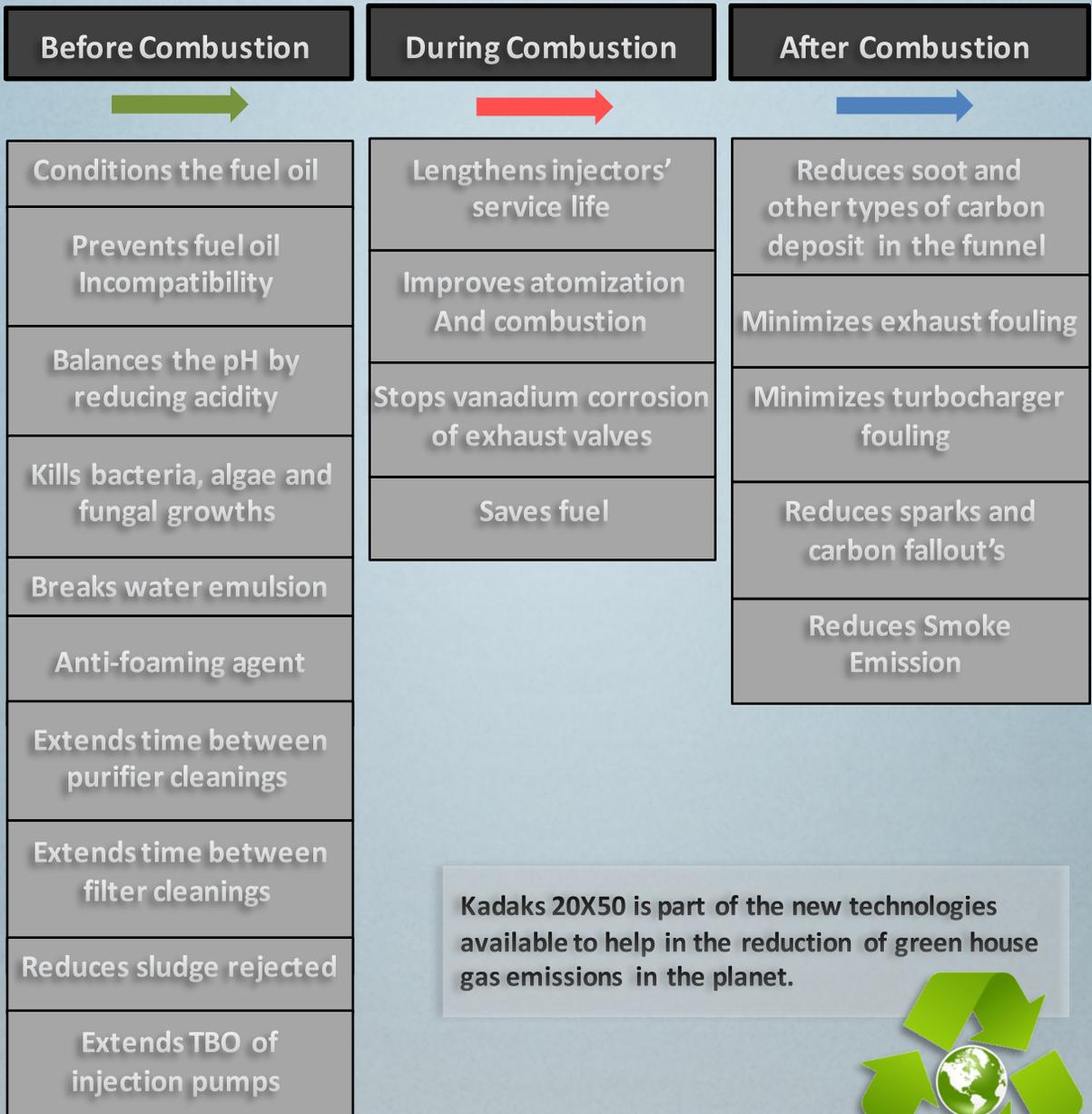
Before bunkering (*Recommended*):

Pour KADAKS into the main DIESEL tanks through feed-lines, sounding pipes or vent pipes.

After bunkering: Pour KADAKS into the DIESEL setting/service tank using either sounding or vent pipes.

STORAGE: KADAKS fuel treatment can be stored under extreme temperature conditions for prolonged periods without undergoing any chemical alteration.

BENEFITS



Kadaks 20X50 is part of the new technologies available to help in the reduction of green house gas emissions in the planet.



APPLICATIONS



HFO



MGO



GASOLINE



Cruise/ Cargo Ships



Commercial Trucks



SUV's



Yachts / Oil Tankers



Cargo Trucks



Sport Cars



Power Plants



Heavy Machinery



Motor Bikes

ALL WITH A SINGLE FORMULA

TESTIMONIALS

From: Stefan Berinde
Date: January 16, 2015 at 5:15:25 AM EST
To: Chief Engineer Spirit
Cc: Roumen Boev
Subject: Pistons Condition

Hi Chief,

Here are some pictures attached from DG3-pistons. Compared with last maintenance the deposit on the top to the pistons is not there so far .
If need more info let me know.

Best regards,

Stefan Berinde
Superintendent Engineer
MAN Diesel & Turbo SE
MAN Diesel | **PrimeServ Fort Lauderdale**

MAN Diesel North America, Inc.
551 S.W. 13th Terrace, Building 595
Pompano Beach, FL 33069 USA



TESTIMONIALS

From: Sky, Chief Engineer
Sent: Monday, January 25, 2016 1:31 PM
To: Kadaks Inc.
Subject: RE: Request ROB KADAKS 20X50 Fuel Additive

Good afternoon Juan,
ROB 35 liters, 1st engineer ordered 3 pales more.
We are just having a major overhaul of one of our generators and the service technician is pleasantly surprised how the engine is clean from the inside.
Thanks,

Best Regards

Mateo Putica | Chief Engineer SKY
Norwegian Cruise Line ®
7665 Corporate Center Drive | Miami FL 33126
Freestyle Cruising ®
ncl.com

Socialize with us



From: Spirit, Chief Engineer
Sent: Monday, January 25, 2016 2:32 PM
To: 'Kadaks Inc.'; juan@kadaks.com
Subject: RE: Request ROB KADAKS 20X50 Fuel Additive

Hello Juan

10 Pails x 20 Liters of Kadaks ROB.

As for the product we are very pleased .
It seems that is doing what was promised.

Kindest Regards

Ioannis Karloutsos | Chief Engineer
Norwegian Cruise Line
7665 Corporate Center Drive | Miami FL 33126



KADAKS

Sustainable Fuel Solutions

