

Product group: 650 Product number: 779090

Unitor™ FuelPower™ AshFree is the solution for combustion and deposit issues with VLSFO introduced through IMO 2020. Unitor™ FuelPower™ AshFree is formulated to protect against deposit build-up on sensitive engine parts. The product also ensures good combustion to avoid additional build-up of insulating soot deposits.

Product information

This product supersedes product no: 778789

Unitor FuelPower AshFree modifies fuel ash, raising the melting points of the ash above the normal engine operating temperatures. Modified ash particles are non-adhesive and follow the exhaust gas stream. Deposits on valve seats are reduced, turbocharger and exhaust system fouling are controlled. Exhaust systems remain cleaner and any ash that is formed is friable and easily removed by conventional methods such as brushing. Unitor FuelPower AshFree help to control acid formation. Sodium Vanadate increase the formation of sulphur trioxide during combustion. The sulphur trioxide reacts with moisture in the exhaust system to form sulphuric acid. Unitor FuelPower AshFree reduce sodium vanadate vanadium formation reducing the acid formation and cold corrosion. The combustion catalyst improves combustion resulting in increased combustion efficiency with less carbon left to form smoke and soot. Engine and exhaust systems are kept cleaner with longer service life and less maintenance.

Features

- Raises the melting point of corrosive ashes
- Reduces the high temperature corrosion on sensitive surfaces
- Keeps exhaust valves and turbochargers clean

Benefits

- You can rely on Unitor™ FuelPower AshFree to keep your sensitive engine parts free from corrosive deposits
- Reduction of deposits and corrosion ensures your engine operates more efficiently

Specification

General

Invent Hazard Material (IMO/IU) classification	C-6
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Physical properties

Appearance	Dark red to black
Density [kg/dm3]	1,0
Flash Point [°C]	>61
Form	Liquid

Technical data

Not Compatible	May swell rubber and synthetic rubber
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Documents

[SDoC and MD for IHM](#)

Directions for use

Dosage and control
Unitor FuelPower AshFree should be dosed either directly into the service tank or by automatic metering into the suction side of the booster pumps. Typical dose rates vary between 1:2000 and 1:6000 depending on the nature and severity of the problem. Use the table below for optimum dosage.

Sodium ppm	Vanadium 50ppm	Vanadium 100ppm	Vanadium 150ppm	Vanadium 200ppm	Vanadium 300ppm	Vanadium 400ppm	Vanadium 500ppm	
				Tons of fuel				
25	6	8	5	4	3	2,5	2,5	
35	4	8	5	4	3	2,5	2,5	
50	4	4	5	4	3	2,5	2,5	
65	3	4	4	4	3	2,5	2,5	
75	3	4	3	4	3	2,5	2,5	
85	3	4	3	4	3	2,5	2,5	
100	3	4	3	4	3	2,5	2,5	
				Dosage based	on MCR			

Sodium ppm	Vanadium 50ppm	Vanadium 100ppm	Vanadium 150ppm	Vanadium 200ppm	Vanadium 300ppm	Vanadium 400ppm	Vanadium 500ppm	
MCR%	10	12	14	16	18			
Dose	1:6000	1:4000	1:3000	1:2000	1:1000			

Example: A fuel contains 50ppm Sodium and 150ppm Vanadium. The dose rate should therefore be: 1 ltr Unitor FuelPower AshFree per 5 tons of fuel (1:5000)

Related products

Accessories

767924
FUEL DOSING STATION

Is frequently bought together with

765018
ENVIROCLEAN 25 LTR

571364
VAPTREAT 25LTR

571356
ROCOR NB LIQUID 25 LTR

571752
NATURAL HANDCLEANER 4X5 LTR

571687
DISCLEAN 25 LTR

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