Yunic 555D

Fuel oil additive for sludge dispersant

Yunic 555D is the fuel oil additive to prevent sludge generation and to keep stability of heavy fuel oil. It makes better atomization and improves combustion by dispersing sludge into very fine particles.

ADVANTAGES

① Surface active agent works to suppress the agglomeration of asphaltene so asphaltene sludge dose not pile up at the bottom of the FO tanks.

② Especially, if the fuel oil has weak stability of oil mixing or thermal stress, it generates asphaltene sludge easily. It causes abnormal sludge discharge of FO purifier and clogging of FO fine strainer. In such case, this fuel additive works to decrease troubles effectively and saves man power for such works.

③ To disperse sludge into very fine particles leads good atomization and improve combustion.

④ Some particles which is hard to burn such as carbon residue or asphaltane is burnt acceleratory by catalysis of organometal compound.

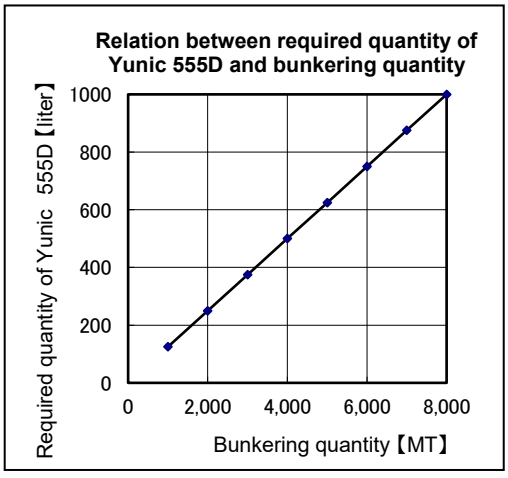
DIRECTION FOR USE

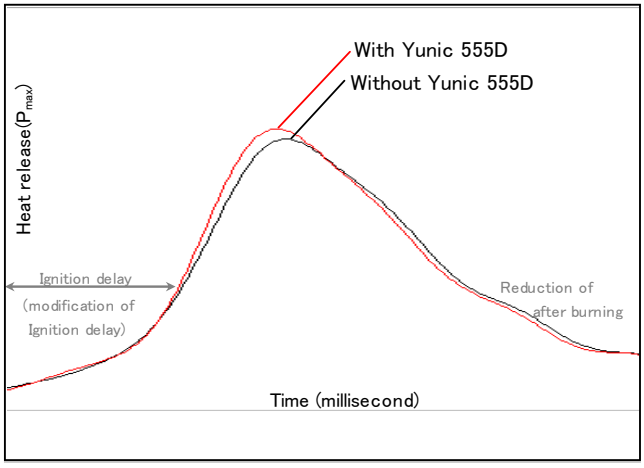
① **Yunic 555D** is poured into empty tank before bunkering as usual.

② The standard using ratio of **Yunic 555D** is 1/8,000.
If abnormal sludge discharge of FO purifier or clogging of FO strainer occurs frequently, please increase dosing amount of **Yunic 555D** to 1/6,000.

※Relation between required quantity of **Yunic 555D** and bunkering amount is as follows.

Bunkering amount 【MT】	**1,000**	**2,000**	**3,000**	**4,000**	**5,000**	**6,000**	**7,000**	**8,000**
Yunic 555D 【liter】	**125**	**250**	**375**	**500**	**625**	**750**	**875**	**1,000**

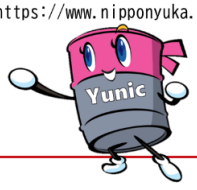




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CHARACTERISTICS

- Appearance ・・・・・・・・・・・・・・・・・・・・ Dark brown transparent liquid
- Density ・・・・・・・・・・・・・・・・・・・・・・・ 0.90~0.96 g/cm^3 （@15℃）
- Viscosity ・・・・・・・・・・・・・・・・・・・・・・ Approx. 30cSt （@50℃）
- Flash Point ・・・・・・・・・・・・・・・・・・・・ 70~86℃（TAG)
- Principal Component ・・・・・・・・・・・・・ Organometal compound, surface active agent, petroleum solvent

CAUTION

★ As this product is flammable, keep away from open flames.
★ Wear respirator, goggles and resistant rubber gloves.
★ It is harmful if swallowed. Don't put it into the mouth.
★ If splashed into eyes, flash with plenty clean water.
★ In case of skin contact, wash with soap and fresh water and apply skin cream.
★ If inhaled vapor, move to fresh air and warm body.
※ Ask medical attention according to the condition.

CONTAINER

	Wight,kg	Size, (WxDxH,cm)
● 200 liter drum	205.9	ϕ 58.5x89
● 18 liter can	17.8	23.8x23.8x35





Spacing effect of Yunic 555D

When sludge appear in fuel oil C, filter confinement, scale adhesion. and combustion disorder occur.

Yunic 555D prevents and restrains outbreak of the sludge.



The left photograph is the test result that assumed damage of a fuel oil tank.

Sludge decreases and damage reduces by use Yunic 555D.