

Dear Customer,

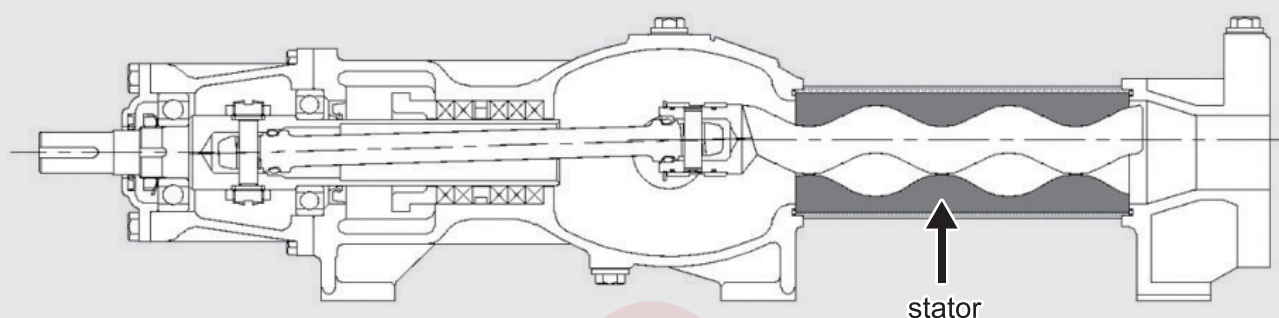
material of one screw pumps (HNP series) for low sulfur fuel oil

We always thank you for using and supporting our products.
Regarding the above mentioned subject, we will report as follows.

According to the regulation for SOx emission based on MARPOL Annex IV , issued on January 1st, 2020, restriction on sulfur content in the marine fuel oil was strengthened.

Since then, low sulfur fuel oil, which complies with SOx regulation (hereinafter referred as LSFO) is started to be used for marine usage.

As our standard, NBR material is used for stator, which is a main part of one screw pumps (HNP type).



Based on JIS K 6258 regulation, we conducted an inspection to examine about the tolerance of NBR material toward LSFO. As a result, there was an increase of volume and weight for 5~7%. From this result, when this NBR stator is used with LSFO, troubles such as poor rotation and seizure could be occurred.

As a precaution, we recommend that you use FKM material stator, which has a higher liquid resistance than NBR material.

※Use:H.F.O.TRANS.PUMP

We have conducted the examination about the liquid resistance toward LSFO. Through them, we have confirmed that there was no change both for volume and weight with the use of this FKM material stator.

We hope to have your continued guidance and patronage.