



HIB & HIBI SEAL – NC
INHIBITIVE SEAL RINSE AIDS FOR
PHOSPHATE COATINGS

HIBI SEAL – NC	HIB
(Non Chromated)	(Chromated)

Purpose

INHIBITIVE SEAL RINSES are required after iron, zinc, or manganese phasphating processes to assure maximum corrosion resistance and paint adhesion of the phosphate coatings. Since inhibitors are usually affective at very low concentrations will provide the optimum surface passivation required for these phosphate coatings.

Discription

HIBI SEAL – NC	HIB
An amber liquid concentrate of Non Chromated inhibitors.	A red liquid concentrate of Chromate and Phosphate inhibitors

Use conditions

HIBI SEAL – NC	HIB
2 – 5 ° / 00	2 – 3 ° / 00
20 – 80°C	20 – 80°
pH : 3.5 – 6.0	PH : 3.0 – 5.0
Time : 30 – 60 sec.	Time : 30 – 60 sec.

Concentration and pH control

Since it is imperative that these final rinses be as clean as possible, these final inhibitive seal rinse solutions should be made up fresh each day. After charging the inhibitive rinse aid to the fresh water, adjust the pH of the solutions using phosphoric acid when necessary to lower the pH. To extend the effectiveness of these inhibitive rinse solutions for prolonged daily operations, just add 0,5 – 1 KG per tone of rinse aid during each additional 8 hour shift and readjust the pH when necessary.



Selecting the proper inhibitive rinse aid

All two of the above Inhibitive Rinse Aids are affective for use with either iron, zinc, or manganese phosphate coatings. Chromate inhibitors generally provide the best post rust inhibition, and should be used whenever chromates can be tolerated.

HIBI SEAL – NC has the distinct advantage of being non - chromated, which is important when waste disposal problems are encountered.

Caution

Refer to individual product labels for precautionary and safe handling information. HIB contains chromic acid. Avoid contact with skin, eyes and clothing. Keep containers well closed.