

# Supply Record of Multi-Disc Dehydrator in Japan market 【Case 3】

## High concentration DAF froth including fine powdered inorganic aluminum (TS3.7%)

Business: Die-cast aluminum drainage

Type of sludge: DAF (dissolved air floatation) froth including oil contained sludge

Model: ND-1002BS-53 (ND is former series for JD series)

Type of coagulant:

(1) Polymeric coagulant (cation type MP-684)

(2) Polymeric coagulant (anion type SS-120)

Results:

Item	Unit	1st Run
TS of sludge	%	<b>4.21</b>
Water content of the cake	%	<b>78.8</b>
Dehydration speed	kgDS/h	<b>81.98</b>



Installation status



Flocculation status



Flocs after putting  
Polymeric coagulant (1)



Flocs after putting  
Polymeric coagulant (1)



Flocs after putting  
Polymeric coagulant (2)



Discharged Cake