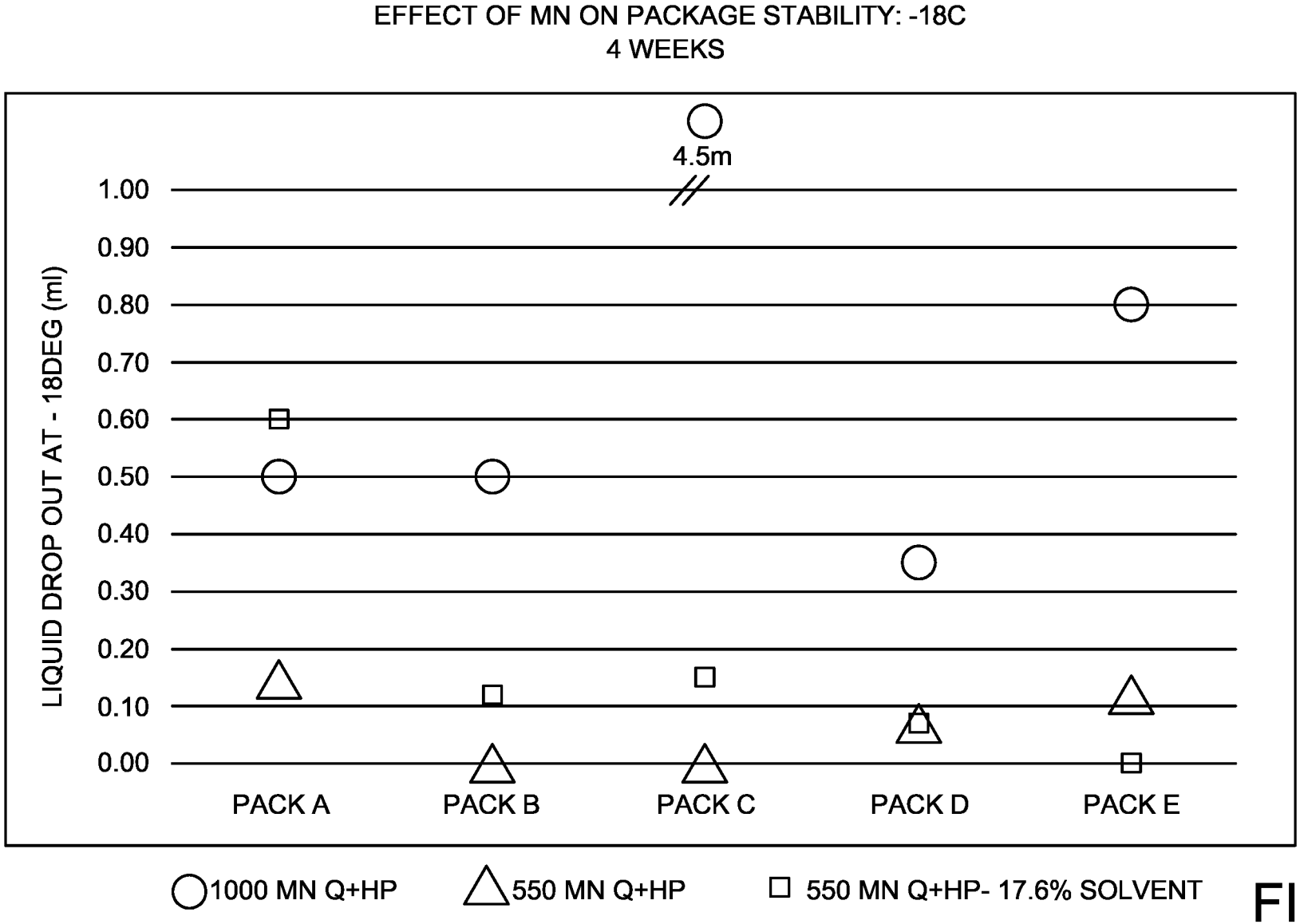

EFFECT OF MN ON PACKAGE STABILITY: -18C
4 WEEKS
LIQUID DROP OUT AT - 18DEG (ml)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
4.5m
PACK A
PACK B
PACK C
PACK D
PACK E
1000 MN Q+HP
550 MN Q+HP
550 MN Q+HP- 17.6% SOLVENT

FIG. 1

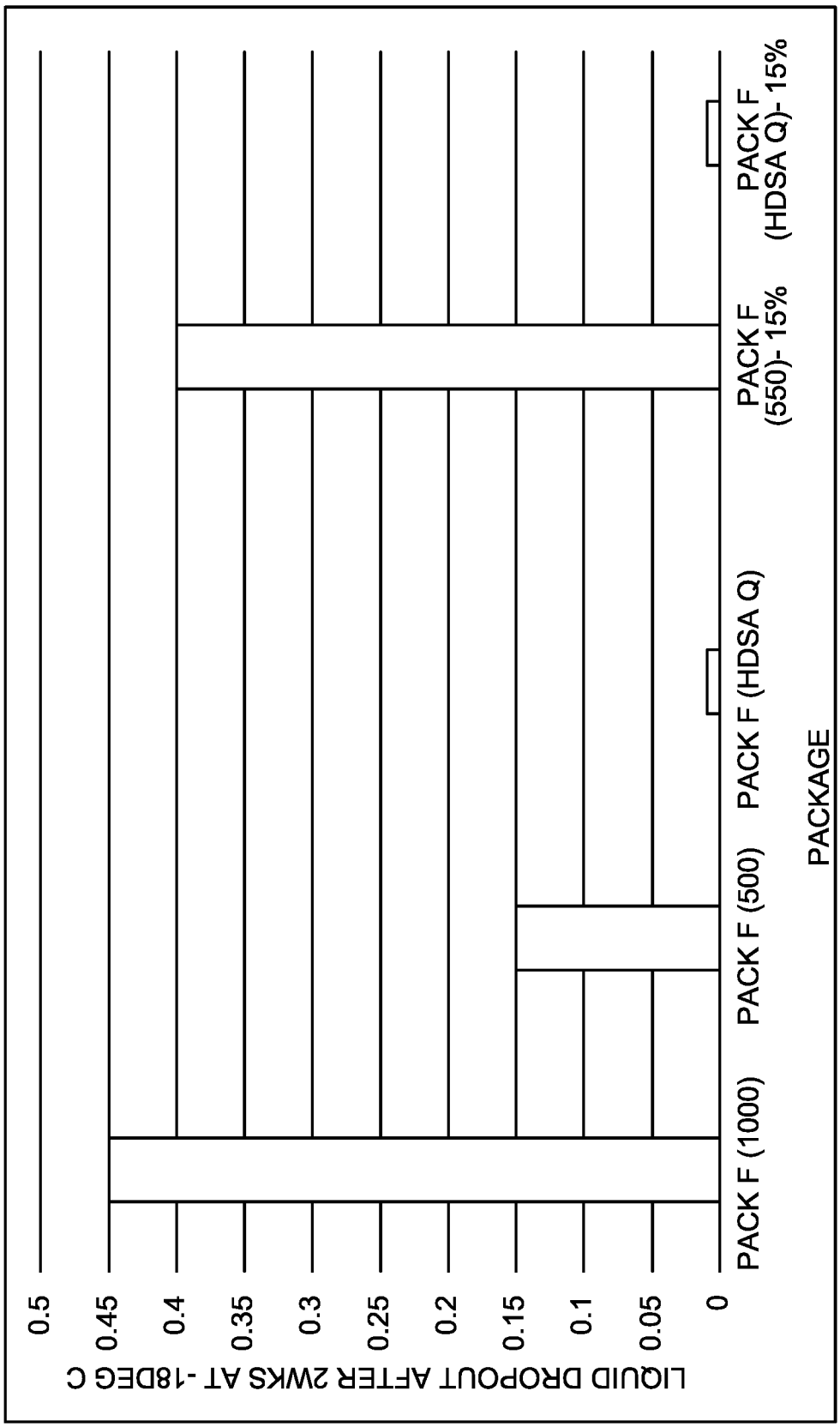

LIQUID DROPOUT AFTER 2WKS AT -18DEG C
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
PACK F (1000)
PACK F (500)
PACK F (HDSA Q)
PACK F (550)- 15%
PACK F (HDSA Q)- 15%
PACKAGE

FIG. 2

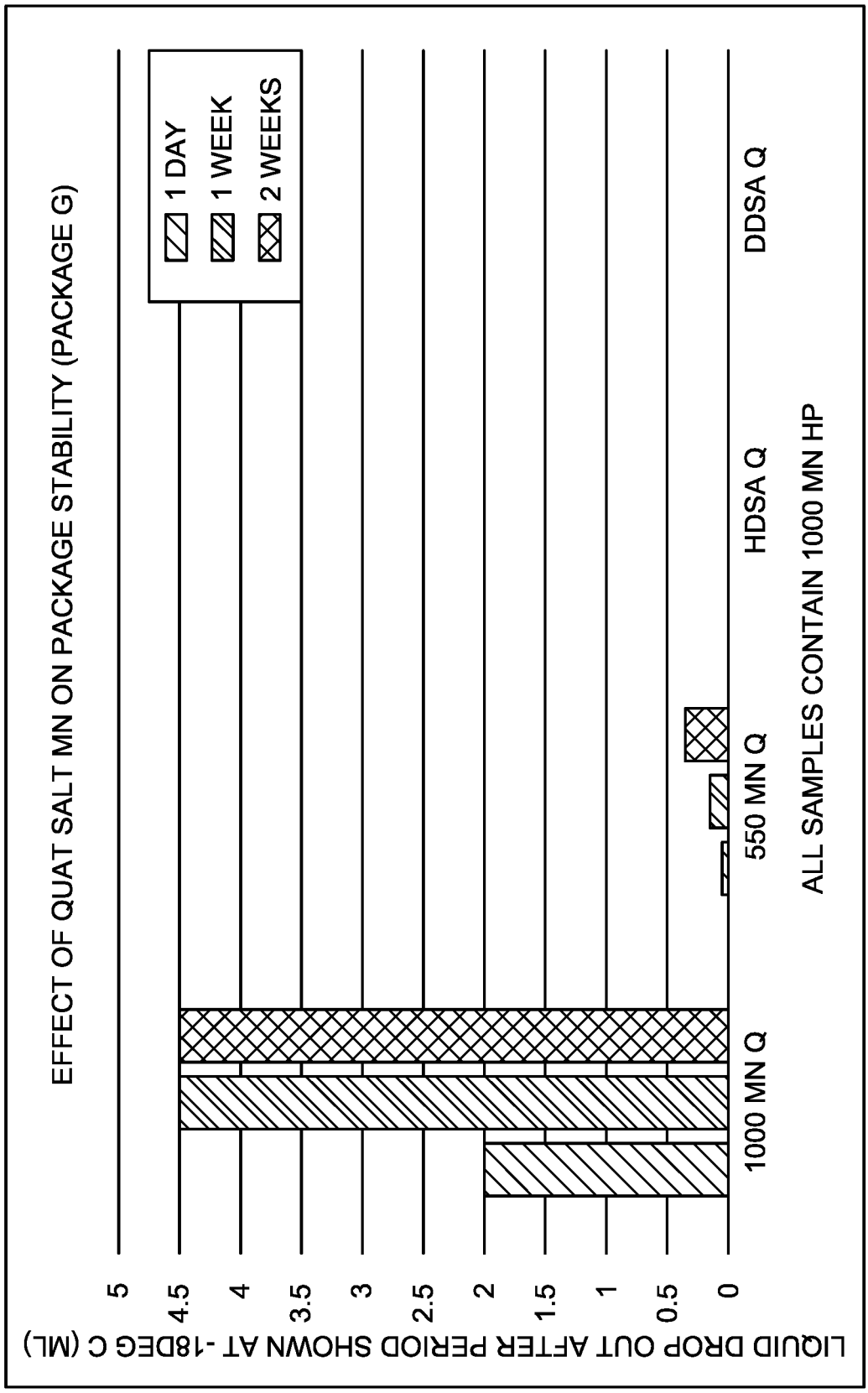

EFFECT OF QUAT SALT MN ON PACKAGE STABILITY (PACKAGE G)
LIQUID DROP OUT AFTER PERIOD SHOWN AT -18DEG C (ML)
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1 DAY
1 WEEK
2 WEEKS
1000 MN Q
550 MN Q
HDSA Q
DDSA Q
ALL SAMPLES CONTAIN 1000 MN HP

FIG. 3

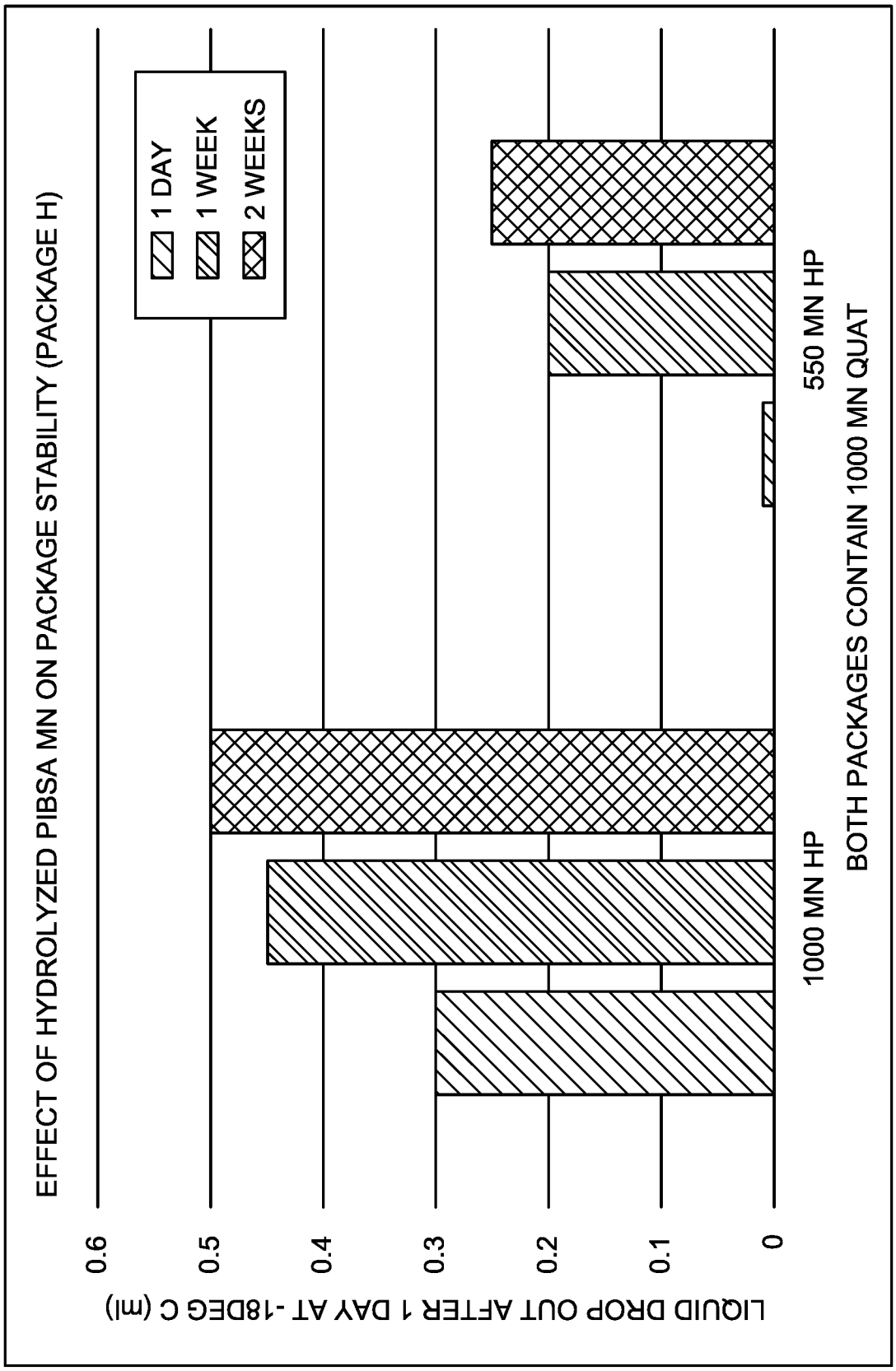

EFFECT OF HYDROLYZED PIBSA MN ON PACKAGE STABILITY (PACKAGE H)
1 DAY
1 WEEK
2 WEEKS
LIQUID DROP OUT AFTER 1 DAY AT -18DEG C (ml)
0.6
0.5
0.4
0.3
0.2
0.1
0
1000 MN HP
550 MN HP
BOTH PACKAGES CONTAIN 1000 MN QUAT

FIG. 4