

????? Marsh



????? Marsh. ????? ??????????. O ????? Marsh ????? ??? ????? ????????? ??? ?????????????????? ??? ??? ????????? ??? ?????????????? (???????) ??? ?????????/???????????? ??? ??? ??????????. ? ?????? ??????? ?? ?????? ??? ?????, ??? ??? ??? ??????????????? ?? ?????? ? ? ??????????. ?????? ??? ????????? ??? ?????? ??? ????????? ??? ??? ????????? ????? ????????????? ??? ?????????.

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K???? Marsh

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? ????? Marsh ????? ??? ????? ????????? ??? ?????????????????? ??? ??? ????????? ??? ?????????????? (???????) ??? ?????????/????????????? ??? ??? ?????????/????????????? ??? ?????? ??? ?????? ??? ?????? ??? ?????, ??? ??? ??? ??????????????? ?? ?????? ? ? ??????????. ?????? ??? ????????? ??? ??? ????????? ??? ??? ????????? ????? ????????????? ??? ?????????.

? ????? Marsh (Marsh Funnel Viscometer) ????? ????????? 152 mm ????? ??????, ????? 305 mm ??? ?????????????? 1.500 cm³ ??? ?????? ?????????????????? ??? ?????????? ??????????. ??? ?????? ?????? ?????????????? ??? ????????? ??12 (???????? 1,7 mm) ??? ?????????????? ?? ?????? ??? ?????????????? ??? ?? ?????????????????? ?? ?????????? ??????????. ?? ?????? ???? ???? ???? ????????????? 2"x3/16" (50,8 mm x 4,7 mm) ??? ?????? ???? ????

????????????? ??? ?????????? ?????? ?????????????? 1000 ml.

?? ??? ????? Marsh ????????? ??? ?????? ??? ?????????????? ????? ?????? 946 ml (1 quart) ?? ?????????? ???? ??? ??? ?????. ?????????? ?????? ??? ?? ?????????????? ?????????? ?????? 34 ?? 50 ??????????????. ?????????????? ?????????????? ?????????? ?????? ?????????????? 26 ??????????????.

? ?????? ?????????????? ?????? ?????? ?? 1931 ??? ??? H.N.Marsh ("Properties and Treatment of Rotary Mud")

?? ??? ?????????? ?????????? ?????? ?????? ?? ?????????????? ?? ?????? ?????? (effective viscosity)

$\eta = \eta(t - 25)$

????? η = effective viscosity ?? centipoise

ρ = ?????????? (density) ?? g/cm³

t = ?????? ?? ?????????????? (1 quart funnel=946 ml)

??? ?????????????, ?????? ?? ?????? Marsh 40 ?????????????? ??? ?????????? 1,1 g/cm³ ?????? ?????? ??????ou 16.5 cP

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????????? ??????: 100 ml, 250 ml, 500 ml, 1000 ml