

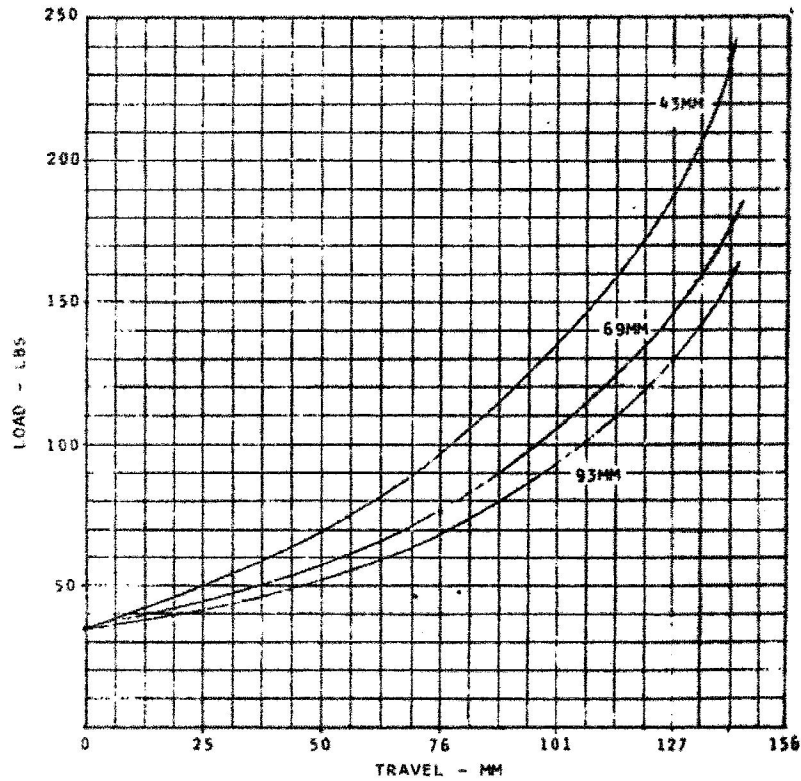
3) To calculate the quantity of oil needed for a 10:1 compression ratio in this particular fork leg, first multiply the quantity of fluid the fully-compressed leg holds by the compression ratio. Next, subtract the quantity of fluid the fully-extended leg holds and then divide this number by the compression ratio number minus one. The result is the quantity of oil the fork leg needs for a given compression ratio. In this case, 250cc of fork oil are needed for a 10:1 compression ratio.

$$275 \times 10 = 2750$$

$$2750 - 500 = 2250$$

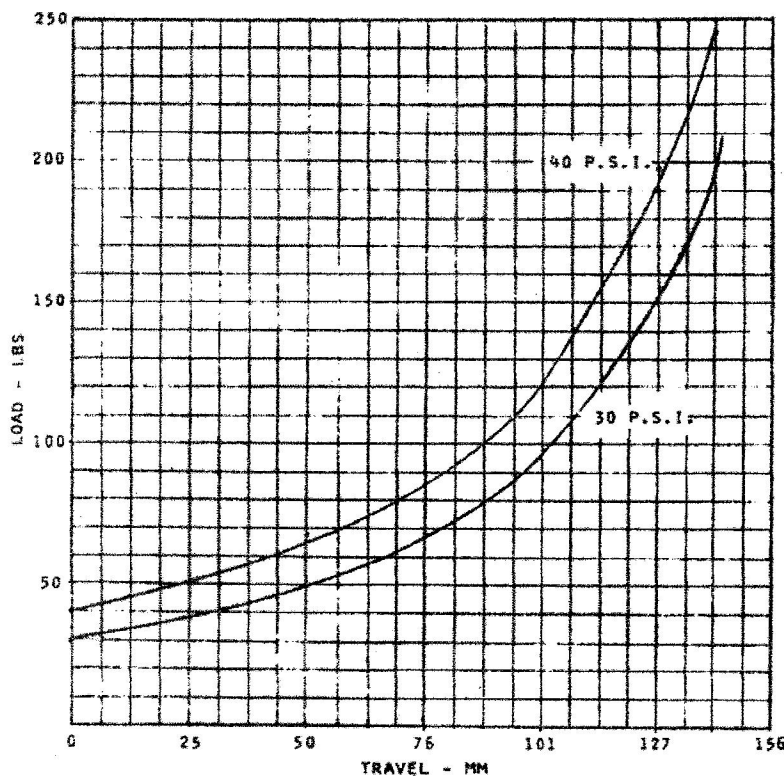
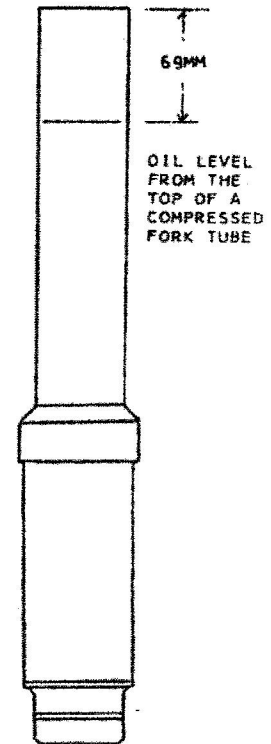
$$10 - 1 = 9$$

$$2250 \div 9 = 250\text{cc of oil}$$



AMOUNT OF OIL FROM TOP OF COMPRESSED FORK TUBE - 93MM - 69MM - 43MM.

INITIAL AIR PRESSURE - P.S.I. - 35



INITIAL AIR PRESSURE - P.S.I. - 30-40

AMOUNT OF OIL FROM TOP OF COMPRESSED FORK TUBE - 69MM.



