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A few years ago I found myself wondering about the relationship between the oil level vs. dipstick readings. I slipped a piece of wooden dowel down the dipstick tube and measured the height of the oil after each quart was poured in. Below is what I found. The sump is a late, finned one.

TD Dipstick Oil Level vs. Indication

Note: Dipstick is Part # 24407

Refer to Workshop Manual Fig. P.1 on Page P.1

Quarts	Height (in.) Above Sump Bottom	Filled?	Dipstick Indication
1	5/8"	No	None
2	1-1/4"	No	None
3	1-3/4"	No	None
4	2-1/2"	No	None
5	3-1/4"	No	Empty Mark
6	4"	~2/3	Between H & A
6.5		~3/4	At 'L' in 'HALF'
7		Yes	Full after engine run
7		Yes +	At 'U' after sitting

Section P.1

ENGINE LUBRICATION A

New engines should have their oil drained after the first 500 miles (800 km.) and then be refilled with fresh oil. Subsequently the oil should be changed at intervals of 3,000 miles (5000 km.).

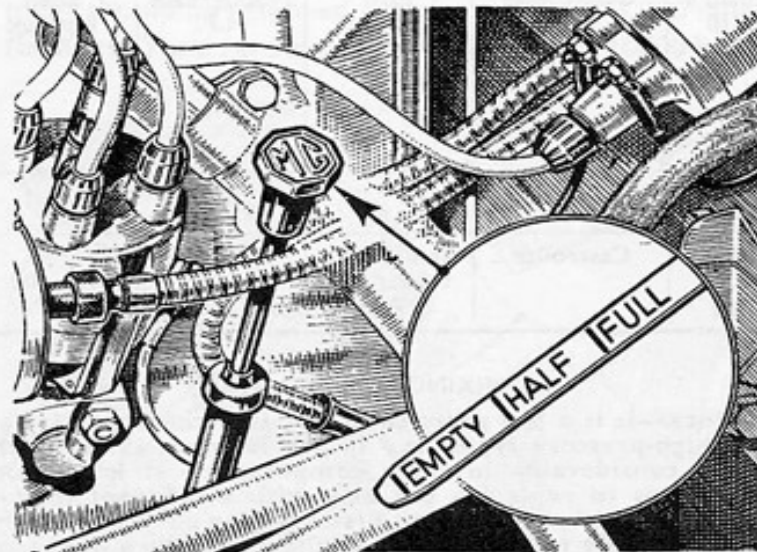


Fig. P.1.

The oil level dipstick for the engine is on the left-hand side of the cylinder block.

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