



RELIABILITY SOLUTIONS

Oil Sampling Products

Enhanced operational efficiencies and improved availability of both fixed and mobile plant are placing increasing pressure on plant maintenance programs. The contribution that regular and frequent sampling of lubrication materials makes to improved maintenance programs is becoming more recognised as maintenance crews seek to better gauge operational conditions and predict plant failures.

Our sampling point designs are tailored to meet the individual needs of our broad customer base.

A correctly installed Sampling Points will ensure that:

- 1. The sample is taken from the same point each time.*
- 2. The oil is extracted from the same depth in the compartment each time.*
- 3. Dirt and other contaminants are kept clear of the entry point of the sample tube.*
- 4. Contamination associated with dipstick removal is reduced.*
- 5. Sampling occurs quickly and easily.*



Figure 2 – IRS Sampling Point in Use



Figure 1 – Sp-1/4-000, 1/4"BSPP (M)

There are several fundamental principles that effective oil sampling must adhere to:

- 1. It must be a true representative sample of the oil in the compartment.*
- 2. The oil must be agitated to ensure that particles are suspended throughout the oil.*
- 3. It must be taken from the same point or depth each time.*
- 4. Circulation systems must be sampled on the return line or after the pump prior to filtration.*
- 5. Ensure further contaminants are not introduced into the reservoir.*
- 6. All efforts must be made to ensure the sample itself is not contaminated.*

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IRS SAMPLING PRODUCTS



SP-1/4-000, 1/4"BSPP (M) lubrication test sample point.



SP-1/4-600, Sample point BSP with 600mm SS tube – suits 1/4" & 6mm



AD 12-1/4SST, 12mm 1/4" BSP SS Spigot 450 long



TN-1/4-1/8-300 or TN-1/4-1/4-300, 1/4" tube 300mm long TIG welded to 1/4" or



GE 788-SD-SC, Dipstick, sample point cap wheel motor



GE788PIA, Push in adaptor with shroud to suit AD 1/4"-17-C 17mm



HDSB-01, Casting to suit AD 1/4"-17-S



Sampling pump, Brass MK6BS, or Aluminium MK6AL