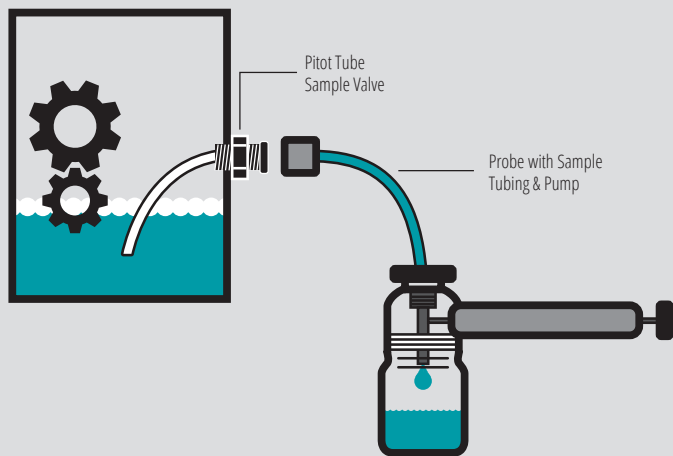
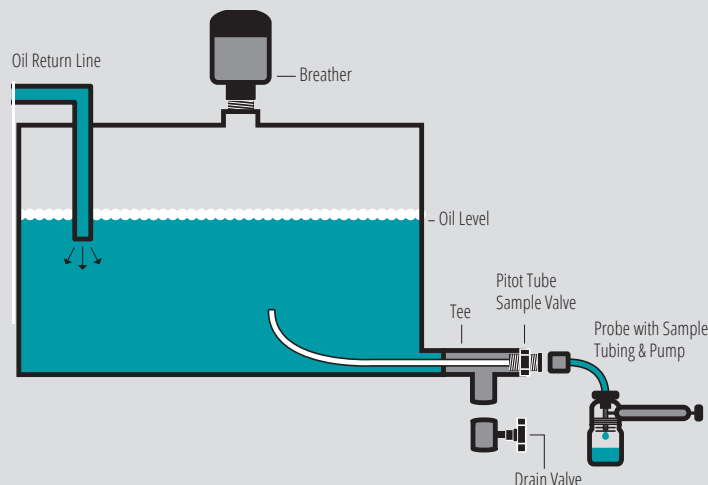


# M SERIES SAMPLE VALVE

FOR NON-PRESSURIZED OIL APPLICATIONS



M Series Pitot Tube Sample Valve installed on side of equipment



M Series Pitot Tube Sample Valve installed in a modified drain on a reservoir

## FOR SPLASH LUBRICATED EQUIPMENT AND RESERVOIRS (LOW OR NO PRESSURE)

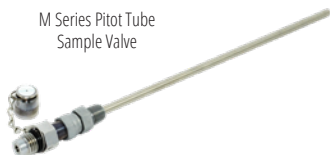
The M Series sample valve is designed for low or no pressure, high viscosity oil sampling. Samples can be taken on operating equipment up to 7x faster than when using the B Series valve. Sample valves allow you to reduce the time needed to extract a sample, while gaining a more representative sample and avoiding external contamination for a more accurate oil analysis result.

### APPLICATIONS

- Gearboxes
- Oil Reservoirs

### FEATURES

- High Flow design for easier, faster sampling of cold or heavy oils (i.e. Gear oils up to VG1500).
- Thread-on Sample Probe connects to common industry sample tubing and pump.
- Pitot Tube can be cut and bent in order to draw oil from the target, active oil zone.
- Rugged metal cap with backup seal
- Valve has corrosion resistant zinc-nickel plating and stainless steel pitot tube.
- Popular Euro-Probe style sampling valve with metric 16x2 probe thread



## SPECIFICATIONS

- Sampling Pressure: 0-125 psi (0 – 0.86 MPa)
- Working Pressure: 1000 psi (6.89 MPa)
- Seal Material Temperature Range: Viton -26C – 204C (-15F – 400F)
- Valve Material: Carbon steel with Corrosion resistant zinc nickel plating.
- Stainless Steel Pitot Tube

## STANDARD SAMPLE PROBE: 100189 / CHK-SMF4

Compatible probe is required for valve operation.



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ALL WAYS RELIABLE.

# M SERIES SAMPLE VALVE

FOR NON-PRESSURIZED OIL APPLICATIONS

AVAILABILITY	PART	DESCRIPTION	IMAGE
In Stock		Sample Valve, M Series. M16x2 Style Valve with Pitot Tube. High Flow, for low or no pressure/ high viscosity gear oil applications. Swivel included for easy pitot tube orientation. 1/4" NPTF. Viton Seal, Steel (Zinc-Nickel finish).	
	100180 / CHK-M4NTRS12	12" Stainless Steel Pitot Tube	
	100181 / CHK-M4NTRS18	18" Stainless Steel Pitot Tube	
	100182 / CHK-M4NTRS24	24" Stainless Steel Pitot Tub	
In Stock	100177 / CHK-M4N-C	Sample Valve, M Series. M16x2 Style Valve. High flow, for low or no pressure/ high viscosity gear oil applications. 1/4" NPTF, Viton Seal, Steel (Zinc-Nickel finish).	
In Stock	100189 / CHK-SMF4	Sample Probe, M Series. Compact Probe for M Series (High Flow), M16x2 sample valves. For low or no pressure/ high viscosity gear oil applications. Probe barb compatible with 1/4" sample tubing (0.170" ID, 1/4"OD).	
In Stock	100244 / EAV-38U	Sample Pump. Aluminum with clear Acrylic Head. Compatible with sample tubing with outside diameter of 3/16" through 5/16". 38mm thread accommodates standard sample jar.	
In Stock	100246 / EAV-38URK	Sample Pump Repair Kit. Replacement seals for CHK-38U sample pump.	
In Stock	100536 / FAF-STU500FT	Sample Tubing. 500 ft. roll, 1/4". LDPE, 0.170" ID, 1/4"OD.	
Stock Item	100393 / FLC-CUTTUBING	Sample Tubing. Pre-cut. Case of 80 individually packaged 6 ft. long, 1/4" sample tubes. LDPE, 0.170" ID, 1/4"OD	
Stock Item	100428 / POG-JAR	Flush Jar. 38mm thread compatible with standard sample pump.	
	100861 / SCA-PINTPURGE	100 ml 500 ml	

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# M SERIES SAMPLE VALVE

FOR NON-PRESSURIZED OIL APPLICATIONS

## PITOT TUBE SAMPLE VALVE WITH LEVEL GAUGE COMBINATION



Replace an existing Level Gauge with a Level Gauge and Sample Valve Combination. Modular system allows you to select the appropriate Level Gauge height, Port Adapter size (see CHK-AC8 Level Gauge Tee), and Pitot Tube Sample Valve type.

AVAILABILITY	PART	DESCRIPTION	IMAGE
In Stock	101188 / CHK-AD4N-1	Level Gauge Tee. 1/4" NPT. For use with Pitot Tube Sampling Valve and Level Gauge (sold separately).	
Special Order	CHK-AC8	Level Gauge Tee. For use with Pitot Tube Sample Valve, Level Gauge, and Port Adapter (3/4" - 16 JIC). Includes swivel for easy pitot tube orientation 3/4" - 16 JIC (female).	
Special Order	CHK-8J-4N-1 CHK-8J-6N CHK-8J-8N CHK-8J-12N CHK-8J-16N	Level Gauge Tee Port Adapter. For Level Gauge Tee (Part: CHK-AC8) 3/4" - 16 JIC to 1/4" NPTF male 3/4" - 16 JIC to 3/8" NPTF male 3/4" - 16 JIC to 1/2" NPTF male 3/4" - 16 JIC to 3/4" NPTF male 3/4" - 16 JIC to 1" NPTF male	
Special Order In Stock Special Order Special Order	CHK-GL3 100135 / CHK-GL6 101214 / CHK-GL9 CHK-GL12	Level Gauge. Polycarbonate and Brass. 1/4" NPT. Nitrile and Teflon Seals. For use with Pitot Tube Sample Valve and Level Gauge Tee. Various lengths: 3", 1/2" Glass diameter 6", 1/2" Glass diameter 9", 1/2" Glass diameter 12", 5/8" Glass diameter	
In Stock Special Order	CHK-V1 101191 / CHK-V2	Level Gauge Vent Cap Assembly. Includes level gauge connection, 3 ft. plastic tubing and 1/4" NPTF port adapter. For 1/2" diameter level gauges (3", 6", 9" lengths) For 5/8" diameter level gauge (12" and longer)	
Special Order	CHK-16N-16NF-1	Breather Adapter. 1/4" - 18 NPTF side port for Level Gauge Vent. 1" - 16 NPTF male and 1" - 16 NPTF female.	

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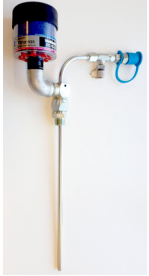



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# M SERIES SAMPLE VALVE

## FOR NON-PRESSURIZED OIL APPLICATIONS

### BREATHER AND DRAIN KITS

- Incorporate a Quick Connect to a reservoir as part of a breather or drain assembly.
- Quick connect can be used for draining and filling oil, or for supplemental filtration.
- Optional sample valve can be easily added as part of the assembly.
- Keep the system closed and free of contamination.

AVAILABILITY	PART	DESCRIPTION	IMAGE
Special Order	CHK-AB16-12N 100107 / CHK-AB16-12N8TR24-M	Breather Mount. 3/4" NPTF Port Adapter, 1/2" Stainless Steel Tube, Spare Port (1/4" NPTF Female) for optional Level Gauge Vent. 12" length, 1/2" ISO B Quick Connect (male) 24" Length 1/2" ISO B Quick Connect (male), Sample Valve, M-Series, High Flow	 Kit shown with breather (sold separately).
	CHK-ABQ16-12N CHK-ABQ16-12N8TR24-M	12" Length, 3/4" ISO B Quick Connect (male) 24" Length, 3/4" ISO B Quick Connect (male), Sample Valve, M-Series, High Flow	
Special Order	CHK-AD8-12N-XL CHK-AD12-12N-XL	Drain Mount. 3/4" NPTF Port Adapter (male) & 2 Spare Ports (1/4" NPT (female)) for optional Pitot Tube Sample Valve and Level Gauge 1/2" ISO B Quick Connect (male) 3/4" ISO B Quick Connect (male)	 Shown with optional pitot tube sample valve sold separately.
Special Order	CHK-GLV6S CHK-GLV9S CHK-GLV12S	Level Gauge. For use with Drain Mount. Polycarbonate and Brass, Nitrile and Teflon Seals. 1/4" NPT (side mount). 6", 1/2" glass diameter 9", 1/2" glass diameter 12", 5/8" glass diameter	
Special Order	CHK-CMV608-4	Level Gauge Valve. For use with Level Gauge on Drain Mount. Brass Mini Ball Valve. 1/4" NPT Male to Female	

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# M SERIES SAMPLE VALVE

FOR NON-PRESSURIZED OIL APPLICATIONS

## OTHER SAMPLING SOLUTIONS

AVAILABILITY	PART	DESCRIPTION	IMAGE
Special Order	CHK-M12N3DTRS12 CHK-M16N3DTRS12	Sample Valve, M Series. M16x2 style valve with 3D Bullseye and Pitot Tube. High flow for low or no pressure / high viscosity gear oil applications. 12" stainless steel tube. Swivel included for easy pitot tube orientation. Viton Seal, Steel (Zinc-Nickel finish). 3/4" NPT 1" NPT	
Special Order	CHK-ABF-16N	Breather Adapter Plate. Replaces SAE J829 Breather Bayonet Flange to add ports for pitot tube sample valve, level gauge vent, etc. Three (3) 1/4" NPT ports. 1" NPT port with a 5" riser tube for the breather (1" NPTF male connection). Mounting pattern: Six (6) 0.201" holes equally spaced on a 2.875" diameter circle.  Pitot Tube Sample Valve and breather sold separately.	

**Note:** The M Series valve is available in various sizes and configurations. Contact Fluid Life if the product required is not listed.

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