

## Easy Clean Dry Sump Oil Tanks

If your oil pump pressure rotor and housing seem to be wearing too fast no matter how careful you are about keeping your oil system clean, this may be a sign that your dry sump tank is contaminated. It seems that no matter how thoroughly you clean and rinse an oil tank you can never get all the dirt out because of the many baffles.

On the other hand, if your tank does not have effective baffling or has inadequate provisions for air separation, you may have an even more serious problem. The best lubricants and oiling system can't properly protect your bearings if air bubbles are getting sucked into the pressure stage of the pump!

Our dry sump oil tanks can solve both of these problems. Not only do they have an extremely efficient method of separating air from the scavenged oil but they are also very easy to disassemble for cleaning. These tanks are high-quality assemblies of machined, stamped and spun aluminum components. The top and bottom halves are held together with a stainless steel V-band and sealed with a large O-ring. This construction allows the inlet fitting to be aligned in any direction relative to the outlet fitting. The fittings on all tanks are threaded to accept 12AN O-ring port adapters. You can use the special O-ring port adapters shown below, or a standard male to male AN union sealed with an O-ring or Stat-O-Seal. This allows you to convert the fittings to any desired AN size (or even some BSP sizes) just by using the appropriate union or adapter. See pages 81-87 for other adapters and seals.

The twin vent fittings on the top surface are threaded with 1/2 NPT female ports on all tank sizes. Right angle barbed fittings are furnished for 5/8 inch I.D. hose. Connect the side vent fitting to the valve cover breather vent. The center vent is for air outlet to your catch bottle or breather tank. The oil level in these tanks should be at least 2-3" below the inlet tube.

**Extra-Small Oil Tank, 5" dia. x 14" high, 12AN O-ring ports . . . . . Part No. 1217 . . . . . \$469.00**  
*Holds approximately 3.3 quarts when filled to a level slightly below the baffle. A great size for motorcycle-engined sports racers.*

**Replacement O-ring for 1217 Oil Tank, 5.0" . . . . . Part No. 1213-X Small . . . . . \$5.99**  
**Replacement V-Band Clamp for 1217 Oil Tank, 5.0" . . . . . Part No. 1214-5.0 . . . . . \$24.99**

**Small Oil Tank, 6.5" dia. x 14" high, 12AN O-ring ports . . . . . Part No. 1215 . . . . . \$489.00**  
*Holds approximately 6.3 quarts when filled to a level slightly below the baffle.*

**Replacement O-ring for 1215 Oil Tank, 6.5" . . . . . Part No. 1213-Small . . . . . \$5.99**  
**Replacement V-Band Clamp for 1215 Oil Tank, 6.5" . . . . . Part No. 1214-6.5 . . . . . \$24.99**

**Medium Oil Tank, 8.25" dia. x 14" high, 12AN O-ring ports . . . . . Part No. 1212 . . . . . \$489.00**  
*Holds approximately 7.9 quarts when filled to a level slightly below the baffle.*

**Replacement O-ring for 1212 Oil Tank, 8.25" . . . . . Part No. 1213-Medium . . . . . \$5.99**  
**Replacement V-Band Clamp for 1212 Oil Tank, 8.25" . . . . . Part No. 1214-8.25 . . . . . \$26.99**

**Large Oil Tank, 9.5" dia. x 16" high, 12AN O-ring ports . . . . . Part No. 1216 . . . . . \$549.00**  
*Holds approximately 9.5 quarts when filled to a level slightly below the baffle.*

**Replacement O-ring for 1216 Oil Tank, 9.5" . . . . . Part No. 1213-Large . . . . . \$5.99**  
**Replacement V-Band Clamp for 1216 Oil Tank, 9.5" . . . . . Part No. 1214-9.5 . . . . . \$27.99**

**Replacement Cap for above Oil Tanks . . . . . Part No. 1214-Cap . . . . . \$24.99**  
**Replacement Vent Fitting, 5/8" hose . . . . . Part No. 1214-Fitting . . . . . \$17.99**



Medium size Easy Clean Oil Tank. Measures 8.25 inches in diameter by 14 inches high. Holds approximately 7.9 quarts. Part No. 1212



View of disassembled oil tank. Ensuring cleanliness is never a problem with these tanks!

**These oil tanks are not sealed during shipment from the manufacturer so be sure to open them and clean thoroughly prior to installation.**

### 12AN O-ring Port Adapters Kits (per pair)

**12AN O-ring Port to 8AN Male Adapter Kit with O-rings (pair) . . . . . Part No. 1280-8 . . . . . \$23.49**  
**12AN O-ring Port to 10AN Male Adapter Kit with O-rings (pair) . . . . . Part No. 1280-10 . . . . . \$23.49**  
**12AN O-ring Port to 12AN Male Adapter Kit with O-rings (pair) . . . . . Part No. 1280-12 . . . . . \$23.49**  
*Male AN to AN adapter fittings (sealed with an O-ring or Stat-O-Seal) can also be used to make the hose connections to the above oil tanks. See pages 81-87 for other adapters and seals.*



12AN O-ring Port to AN Male Adapter Kit with O-rings. Sold as a pair. Part No. 1280-Size

## Oil Tank Heaters

Getting proper oil flow while warming up a cold engine can be difficult. The viscosity of oil at low temperatures can be high enough to cause the oil pump to cavitate which results in greatly reduced oil flow to the bearings and camshaft. Because of the high viscosity, your pressure gauge may show high pressure but that does not necessarily mean that the engine is getting an adequate volume of oil. This is especially critical on racing engines because of the larger bearing clearances that are normally used. Pre-heating the oil in the oil tank of a dry sump engine is a great way to prevent this problem. The easiest way to accomplish this without risking contamination or degradation from over-heating is with a properly sized external electric resistance heater which is wrapped around the oil tank.

We stock two sizes of a very high-quality silicone rubber heater blanket. Both types are designed to operate on standard 120 volt AC. Usually about 20 minutes of pre-heating is sufficient to increase the oil temperature to a safe level. However, more or less time may be needed depending upon the ambient temperature and the capacity of the oil reservoir. We also stock a special self bonding silicone tape that is an ideal over-wrap for our heater blankets. This silicone tape bonds to itself to form an impervious protective jacket around the heater and also serves to hold it tightly to the tank to promote good heat transfer. This tape is so versatile that you'll probably find many other uses for it such as insulating and waterproofing electrical connections.

**Do not attempt to shorten these heaters by cutting them. Doing so will destroy them.**



Silicone Rubber Heater Blanket, available in two sizes  
 Part No.'s. 3920 and 3921

**2.5" x 20" Silicone Rubber Heater Blanket, 200 watts, 120 volts . . . . . Part No. 3920 . . . . . \$52.99**  
*Recommended for our X-small, small and medium size oil tanks or other tanks of similar size. Completely assembled with cord and plug.*

**2.5" x 28" Silicone Rubber Heater Blanket, 280 watts, 120 volts . . . . . Part No. 3921 . . . . . \$57.99**  
*Recommended for our large oil tank or other tanks of similar size. Completely assembled with cord and plug.*

**Heaters should not be plugged in for more than 30 seconds unless they are attached to an oil tank or other heat sink. Otherwise they will overheat which will reduce their life.**



Self Bonding Silicone Rubber Over-wrap Tape  
 Part No. 3929

**Self Bonding Silicone Rubber Over-wrap Tape, 1" x 36 foot roll . . . . . Part No. 3929 . . . . . \$17.59**  
*Recommended for wrapping over any of the above heaters as a means of protecting them and to hold them tightly to the oil tank. This tape is great stuff and you'll probably find hundreds of other uses for it such as for insulating and waterproofing electrical connections.*