



## Used Oil Specifications

Parameter	METHOD	DRY BASIS
	ASTM	Limit
API Gravity, 60°F	D-287	24-30
Flash Point, °F	D-93	140-250
Viscosity, SSU @ 100°F	D-445	200-300
Sulfur, (XRF) %wt	D-2622	<0.50
Water by Distillation Content, %V	D-95	<3.0
Sediment by Centrifuge, %	D-1796	<1.0
Ash Content, %wt	D-482	<1.0
Sodium, ppm	D-1318	<150
Total Chlorides, ppm	D-2622	<600
PCB, ppm	D-4059	<2.0
Total Halogens, ppm	D-80863	<500
Pour Point, °F	D-97	<30
Asphaltenes, %wt	D-6560	<2.0
Arsenic, ppm	D-5185	<5.0
Cadmium, ppm	D-5185	<2.0
Chromium, ppm	D-5185	<10.0
Lead, ppm	D-5185	<100
Silicone	D-5185	<150
Phosphorus	D-5185	<250

### Important Notes:

1. Range numbers in any above specification represent acceptable Min and Max for the quality of acceptable dry used oil
2. Specifications for dry used oil also comply with ASTM D-6448 (RF04 & RF05L) representing standard specifications for industrial Burner Fuels
3. Used oil can not contain animal or vegetable oil (EPA's criteria for used oil)
4. Used oil can not contain transformer oil due to potential presence of Polychlorinated biphenyl (PCB's)
5. Used Oil can not contain antifreeze and any light petroleum Used Oils (e.g kerosene)
6. Used oil can not contain any Used Oils solely used as cleaning agents or for their solvent properties
7. Used oil can not contain any bottom clean-out from virgin fuel storage tanks or virgin oil recovered from a spill