

Guidelines For Interpreting Metal Levels

Element	Component	Normal	Alert
Iron	Engine	20-60 PPM	100 PPM
	Transmission	100-200 PPM	300 PPM
	Drives	100-200 PPM	300 PPM
	Hydraulics	20-40 PPM	50 PPM
Copper	Engine	5-40 PPM	75 PPM
	Transmission	100-200 PPM	300 PPM
	Drives	10-50 PPM	100 PPM
	Hydraulics	5-30 PPM	50 PPM
Lead	Engine	5-25 PPM	40 PPM
	Transmission	5-30 PPM	60 PPM
	Drives	10-40 PPM	60 PPM
	Hydraulics	5-30 PPM	40 PPM
Aluminium	Engine	1-15 PPM	20 PPM
	Transmission	5-30 PPM	40 PPM
	Drives	1-30 PPM	40 PPM
	Hydraulics	1-10 PPM	20 PPM
Tin	Engine	1-15 PPM	25 PPM
	Transmission	1-20 PPM	40 PPM
	Drives	1-15 PPM	50 PPM
	Hydraulics	1-10 PPM	20 PPM
Chromium	Engine	1-10 PPM	15 PPM
	Transmission	1-15 PPM	30 PPM
	Drives	1-15 PPM	30 PPM
	Hydraulics	1-5 PPM	10 PPM
Silicon	Engine	1-15 PPM	20 PPM
	Transmission	1-20 PPM	35 PPM
	Drives	1-30 PPM	40 PPM
	Hydraulics	1-10 PPM	20 PPM