

**Category: WEAR METAL STANDARDS-ORGANO-METALLIC**  
**Sulfur Free wear metals in 20 cst lubricating oil for analysis by XRF,AA,ICP, or AE for applications for which sulfur interference is undesirable.**  
**These standards are prepared with Sulfur free ORGANO-METALLICS that do not contain metallic sulfonates.**

**Subcategory: IMWM-11 Standards**  
**Al,Cr,Cu,Fe,Mg,Na,Ni,Pb,Si,Sn,Ti**

**Table: IMWM-11 Standards**  
**Al,Cr,Cu,Fe,Mg,Na,Ni,Pb,Si,Sn,Ti**

<b>Product Code</b>	<b>Concentration (PPM)</b>	<b>100 mls</b>	<b>200 mls</b>
IMWM11-10	10.000	\$90.00	\$95.00
IMWM11-100	100.00	\$95.00	\$110.00
IMWM11-30	30.000	\$90.00	\$95.00
IMWM11-300	300.00	\$120.00	\$205.00
IMWM11-50	50.000	\$90.00	\$95.00
IMWM11-500	500.00	\$160.00	\$285.00
IMWM11-900	900.00	\$185.00	\$345.00

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**Subcategory: IMWM-12 Standards**  
**Ag,Al,Cr,Cu,Fe,Mg,Na,Ni,Pb,Si,Sn and Ti**

**Table: IMWM-12 Standards**

<b>Product Code</b>	<b>Concentration (PPM)</b>	<b>100 mls</b>	<b>200 mls</b>
IMWM12-10	10.000	\$95.00	\$100.00
IMWM12-100	100.00	\$100.00	\$115.00
IMWM12-30	30.000	\$95.00	\$100.00
IMWM12-300	300.00	\$125.00	\$215.00
IMWM12-50	50.000	\$95.00	\$110.00
IMWM12-500	500.00	\$165.00	\$295.00
IMWM12-750	750.00	\$200.00	\$355.00
IMWM12-900	900.00	\$245.00	\$380.00

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**Subcategory: IMWM-20 Standards**  
**Al,B,Ba,Ca,Cd,Cr,Cu,Fe,Mg,Mn,Mo,Na,Ni,P,Pb,Si,Sn, Ti,V,Zn**

**Table: IMWM-20 Standards**

<b>Product Code</b>	<b>Concentration (PPM)</b>	<b>100 mls</b>	<b>200 mls</b>
IMWM20-10	10.000	\$100.00	\$105.00
IMWM20-100	100.00	\$105.00	\$120.00
IMWM20-30	30.000	\$100.00	\$115.00
IMWM20-300	300.00	\$145.00	\$265.00
IMWM20-50	50.000	\$100.00	\$115.00
IMWM20-500	500.00	\$210.00	\$375.00
IMWM20-900	900.00	\$325.00	\$585.00

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**Subcategory: IMWM-21 Standards**  
**Ag,Al,B,Ba,Ca,Cd,Cr,Cu,Fe,Mg,Mn,Mo,Na,Ni,P,Pb,Si, Sn,Ti,V,Zn**

**Table: IMWM-21 Standards**

<b>Product Code</b>	<b>Concentration (PPM)</b>	<b>100 mls</b>	<b>200 mls</b>
IMWM21-10	10.000	\$100.00	\$105.00
IMWM21-100	100.00	\$115.00	\$130.00
IMWM21-200	200.00	\$145.00	\$265.00
IMWM21-30	30.000	\$105.00	\$120.00
IMWM21-300	300.00	\$150.00	\$275.00
IMWM21-50	50.000	\$105.00	\$120.00
IMWM21-500	500.00	\$215.00	\$390.00
IMWM21-750	750.00	\$225.00	\$405.00
IMWM21-900	900.00	\$350.00	\$540.00

**Category: A Series of Multi Element Wear Metal Standards for ICP, RDE and other Techniques. These standards are sulfonated.**

**Subcategory: IMA21 Standards  
Ag, Al, B, Ba, Ca, Cd, Cr, Cu, Fe, Mg, Mo, Na, Ni, P, Pb, Si, Sn, Ti, V and Zn in Hydrocarbon Oil**

<b>Product Code</b>	<b>Concentration (PPM)</b>	<b>100 mls</b>	<b>200 mls</b>
IMA21-10	10	\$90.00	\$95.00
IMA21-30	30	\$90.00	\$95.00
IMA21-50	50	\$95.00	\$100.00
IMA21-100	100	\$100.00	\$120.00
IMA21-300	300	\$160.00	\$295.00
IMA21-500	500	\$235.00	\$425.00
IMA21-900	900	\$365.00	\$645.00

**Category: A Series of Multi Element Wear Metal Standards**

**Subcategory: IMA22 Standards – All of the elements as the A21 standards plus K**

<b>Product Code</b>	<b>Concentration (PPM)</b>	<b>100 mls</b>	<b>200 mls</b>
IMA22-10	10	\$110.00	\$115.00
IMA22-30	30	\$115.00	\$115.00
IMA22-50	50	\$115.00	\$120.00
IMA22-100	100	\$120.00	\$140.00
IMA22-300	300	\$185.00	\$320.00
IMA22-500	500	\$265.00	\$465.00
IMA22-900	900	\$400.00	\$690.00

**Category: A Series of Multi Element Wear Metal Standards for ICP, RDE and other Techniques.**

**Subcategory: IMA23 Standards – All of the elements as the A21 standards  
plus K and Sb**

<b>Product Code</b>	<b>Concentration (PPM)</b>	<b>100 mls</b>	<b>200 mls</b>
IMA23-10	10	\$125.00	\$130.00
IMA23-30	30	\$125.00	\$130.00
IMA23-50	50	\$130.00	\$135.00
IMA23-100	100	\$135.00	\$155.00
IMA23-300	300	\$195.00	\$340.00
IMA23-500	500	\$280.00	\$485.00
IMA23-900	900	\$425.00	\$725.00