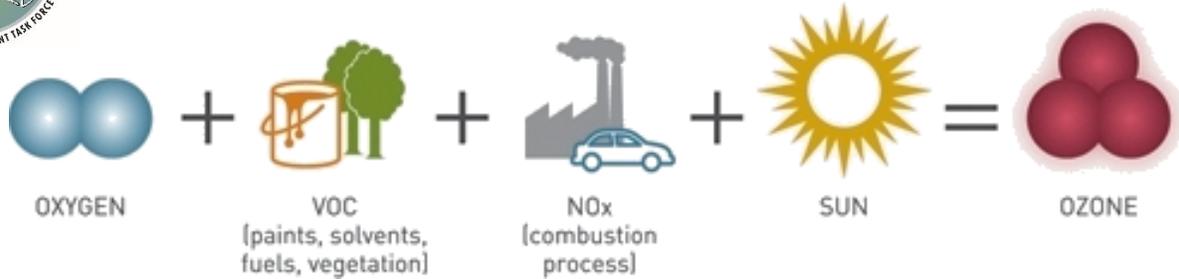




# How Ozone is Formed



When Nitrogen Oxides (NO<sub>x</sub>) and Volatile Organic Compounds (VOCs) mix in the presence of sunlight, Ozone is formed.

NO<sub>x</sub> emissions sources include:

- Automobiles;
- Trucks;
- Non-road vehicles (e.g., construction equipment, boats, etc.);
- Power plants;
- Industrial boilers;
- Cement kilns; and
- Turbines.

VOC emission sources include:

- Paints, inks, lacquers;
- Adhesives, solvents;
- Wood coating;
- Metal part painting;
- Plastic part coating;
- Fabric coating;
- Cabinet/countertop lamination;
- Furniture coating;
- Printing presses;
- Screen printing units;
- Motor vehicle repair shops.

Wichita and the surrounding MSA generate both NO<sub>x</sub> and VOC emissions due to our industry and way of life. Slight behavior changes can make a big difference to improve our air quality and avoid high ozone levels.