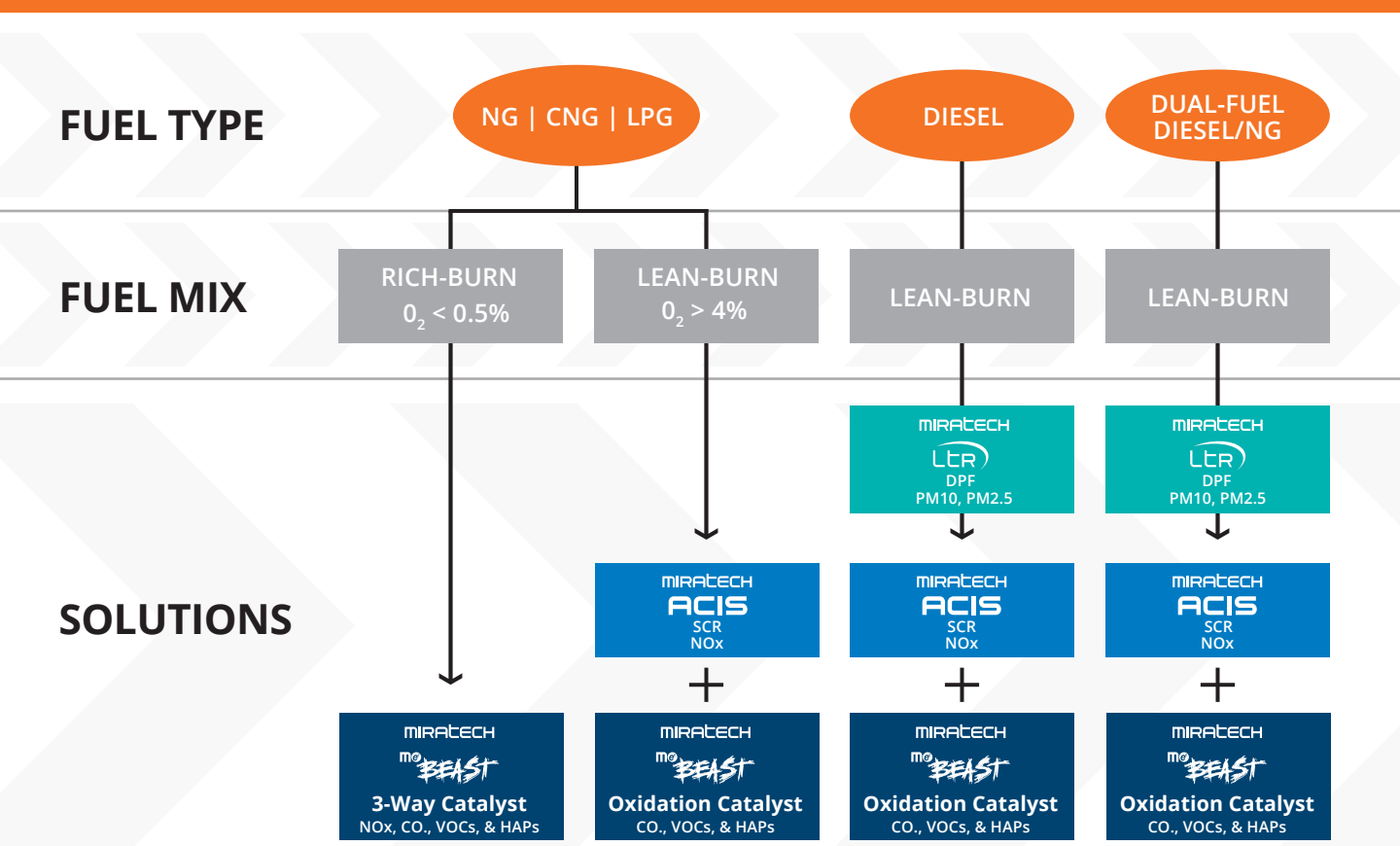


# Catalyst Solution Guide



## FUEL TYPE

**NG** = Natural Gas  
**CNG** = Compressed Natural Gas  
**LPG** = Liquid Petroleum Gas

## POLLUTANTS

**NOx** = Oxides of Nitrogen  
**CO** = Carbon Monoxide  
**VOC** = Volatile Organic Compounds  
**HAPs** = Hazardous Air Pollutants defined by EPA, such as acrolein and formaldehyde

## SOLUTIONS

**3-Way Catalyst:** A Non-Selective Catalytic Reduction (NSCR) system that simultaneously reduces NOx, CO and HC / VOCs / HAPs in rich-burn engine exhaust.

**SCR:** Selective Catalytic Reduction, a process that reduces NOx in lean burn gas, diesel, and dual fuel engines via a selective reaction with injected ammonia or hydrolyzed urea.

**Oxidation Catalyst:** A Non-Selective Catalytic Reduction (NSCR) system that simultaneously reduces CO and HC / VOCs / HAPs in lean-burn natural gas and dual-fuel engine exhaust.

**Diesel Oxidation Catalyst:** A Non-Selective Catalytic Reduction (NSCR) system that simultaneously reduces CO and HC / VOCs / HAPs in diesel engine exhaust.

**DPF:** Diesel Particulate Filter, a system that removes Particulate Matter (PM) from diesel engine exhaust.