



# CITGO<sup>®</sup> Procoil<sup>®</sup> Oils

## OVERVIEW



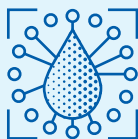
- Highly refined, light-colored, very low sulfur, paraffinic process oils.

## FEATURES & BENEFITS



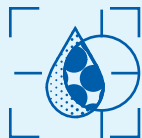
- Low volatility, low aromaticity and high flash points.
- Very light color and excellent antioxidant response.
- High viscosity index for relatively low rate of viscosity change with changes in temperature.

## APPLICATIONS



- Recommended as carriers, diluent oils, processing aids, or functional oils in a wide range of formulations and chemical processes where superior stability, high flash, low pour, and low volatility are desired.

## PROPERTIES



## Typical Properties for CITGO Procoil Oils:

	910	915	920	935	950
<b>Material Code</b>	<b>627910001</b>	<b>627915001</b>	<b>627920001</b>	<b>627935001</b>	<b>627950001</b>
Gravity, ASTM D4052, °API	34.7	32.9	32.0	31.4	30.5
Specific Gravity 60/60°F	0.852	0.861	0.866	0.870	0.873
Pounds Per Gallon	7.09	7.17	7.21	7.23	7.27
Flash Point, ASTM D92, °F (°C)	400 (205)	415 (214)	455 (235)	440 (227)	510 (265)
Viscosity, ASTM D2161:					
SUS at 100°F	107	156	220	320	500
SUS at 210°F	40.1	43.9	49	54	64
Viscosity, ASTM D445:					
cSt at 40°C	20.4	30.2	42.3	62	108
cSt at 100°C	4.15	5.25	6.45	8.4	12
Viscosity Index, ASTM D2270	106	105	102	104	99
Aniline Point, ASTM D611, °F (C)	227 (108)	221 (105)	227 (108)	231 (111)	245 (118)
Carbon Residue, ASTM D4530	0.01	0.01	0.02	0.02	0.03
Total Acid Number, ASTM D664	0.05	0.05	0.05	0.05	0.05
Pour Point, ASTM D97, °F (°C)	5 (-15)	5 (-15)	0 (-18)	5 (-15)	10 (-12)
Color, ASTM D1500	L0.5	L0.5	L0.5	L0.5	0.5
Molecular Weight, ASTM D2502	370	410	440	477	535
Sulfur, ASTM D2622, wt%	0.002	0.002	0.001	0.002	0.002

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