CITGO PROCOIL® OILS

Date 1/09

DESCRIPTION: CITGO Procoil products are highly refined using a multi-stage hydrotreating process to produce light color, very low sulfur, paraffinic process oils.

QUALITIES: CITGO Procoil products have low volatility, low aromaticity and high flash points. These oils have very light color and excellent antioxidant response. The high viscosity index means a relatively low rate of viscosity change with changes in temperature.

APPLICATIONS: CITGO Procoil products are recommended as carriers, diluent oils, processing aids or functional oils in a wide range of formulations and chemical processes. CITGO Procoil products are used where superior stability, high flash, low pour and low volatility characteristics are desired.

TYPICAL PROPERTIES:

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	910	915	935	950
Material Code	627910001	627915001	627935001	627950001
Gravity, ASTM D 4052, °API	34.7	32.9	31.4	30.5
Specific Gravity 60/60°F	0.852	0.861	0.870	0.873
Pounds Per Gallon	7.09	7.17	7.23	7.27
Flash Point, ASTM D 92, °F (°C)	400 (205)	415 (214)	440 (227)	510 (265)
Viscosity, ASTM D 2161, SUS at 100°F	107	156	320	500
SUS at 210°F	40.1	43.9	54	64
ASTM D 445, cSt at 40°C	20.4	30.2	62	108
cSt at 100°C	4.15	5.25	8.4	12
Viscosity Index, ASTM D 2270	106	105	104	99
Aniline Point, ASTM D 611,°F(C)	227 (108)	221 (105)	231 (111)	245 (118)
Ash, ASTM D 482	–	–	–	–
Carbon Residue, ASTM D 4530	0.01	0.01	0.02	0.03
Total Acid Number, ASTM D 664	0.05	0.05	0.05	0.05
Pour Point, ASTM D 97, °F (°C)	5 (-15)	5 (-15)	5 (-15)	10 (-12)
Color, ASTM D 1500	L0.5	L0.5	L0.5	0.5
Molecular Weight, ASTM D 2502	370	410	477	535
Sulfur, ASTM D 2622, wt%	0.002	0.002	0.002	0.002