



**BASE OILS  
TYPICAL PROPERTY DATA<sup>1</sup>**

PROPERTY	TEST METHOD <sup>2</sup>	Process Oils		Group II Base Oils		
		70-HC	75-HC	100-HC	230-HC	600-HC
Appearance	Visual	Clear&Bright	Clear&Bright	Clear&Bright	Clear&Bright	Clear&Bright
Color	D-1500	L 0.5	L 0.5	L 0.5	L 0.5	L 0.5
API Gravity	D-4052	33.6	32.2	33.7	31.2	29.9
Specific Gravity 60/60°F	D-4052	0.8570	0.8646	0.8567	0.8697	0.8767
Pounds per Gallon		7.14	7.20	7.14	7.24	7.30
Viscosity, SUS @ 100°F	D-445/-2161	71.0	77.8	108.6	216.8	564.8
SUS @ 210° F	D-445/-2161	36.2	36.8	40.3	47.7	67.7
cSt @ 40° C	D-445	12.33	13.93	20.67	42.06	108.23
cSt @100° C	D-445	2.94	3.72	4.17	6.41	12.01
Viscosity Index	D-2270	82	73	103	101	100
Flash Point, °C (°F)	D-92	181 (358)	183(361)	205 (401)	228 (442)	266 (511)
Fire Point, °C (°F)	D-92	215 (420)	215 (420)	235 (455)	257 (495)	300 (575)
Noack Volatility, wt. % loss	D-5800			24.0	11.0	2.6
Saturates, wt. %	HPLC / UV	99 min	99 min	99 min	99 min	99 min
Sulfur, ppm	D-5453	1	1	1	1	1
Water, ppm	D-6304	15	15	25	20	20
Pour Point, °C (°F)	D-5950	-30 (-22)	-33 (-26)	-13 (+8)	-14 (+7)	-13 (+8)
Cold Crank, cP @ Temp. °C	D-5293			1,400 @ -25°C	3,300 @ -20°C	

<sup>1</sup> Representative values given for information only. Please contact FHR Marketing for specifications or other information.

<sup>2</sup> ASTM unless otherwise specified.