

Group II/II+ Specifications

Chevron's premium base oils have exceptional oxidation stability, low volatility for a given viscosity grade and are virtually sulphur-free making them an excellent alternative for blending high-performance, Low SAPS* automotive engine oils, as well as process and industrial oils.

* SAPS – Sulphated Ash, Phosphorous, Sulphur

Property	ASTM Methods*	60R	100R	150R	220R	600R	110RLV
API Base Oil Category	API 1509 E.1.3		Group II	Group II	Group II	Group II	Group II+
Appearance@ 22.2°C– 25.5°C	SM 360-99 BO	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear
API, Gravity, deg C	ASTM D4052	Report	Report	Report	Report	Report	Report
Color	ASTM D1500	0.5 (MAX)	1.0 (MAX)	1.0 (MAX)	1.5 (MAX)	1.5 (MAX)	1.0 (MAX)
Viscosity @ 40°C, cSt	ASTM D445	9.0 – 11.5	18.7 – 20.8	Report	40.0 – 46.0	100 (MIN)	Report
Viscosity @ 100°C, cSt	ASTM D445	Report	Report	5.0 – 5.4	Report	11.7 – 12.9	4.15 – 4.55
Viscosity Index	ASTM D2270	Report	95 (MIN)	100 (MIN)	95 (MIN)	95 (MIN)	116 - 119
CCS @ -20°C, cP	ASTM D5293	N/A	N/A	1850 (MAX)	3600 (MAX)	N/A	N/A
CCS @ -25°C, cP	ASTM D5293	N/A	1550 (MAX)	N/A	N/A	N/A	1500 (MAX)
CCS @ -30°C, cP	ASTM D5293	N/A	N/A	N/A	N/A	N/A	N/A
Pour Point, °C	ASTM D5950/1C	-30 (MAX)	-12 (MAX)	-12 (MAX)	-12 (MAX)	-12 (MAX)	-12 (MAX)
Flash Point, COC, °C	ASTM D92	155 (MIN)	192 (MIN)	200 (MIN)	212 (MIN)	246 (MIN)	205 (MIN)
Volatility, wt. % distilled at 700°F/371°C	ASTM D2887	N/A	17 (MAX)	N/A	N/A	N/A	N/A
Evaporative loss, Noack wt%	ASTM D5800 (B)	N/A	Report	15 (MAX)	12 (MAX)	N/A	17 (MAX)
Brookfield Vis at -40C, cP	ASTM D2983	N/A	20000 (MAX)	N/A	N/A	N/A	N/A
Water, ppm	ASTM D6304	Report	Report	Report	Report	Report	Report
Sulpur, ppm	ASTM D5453	Report	Report	Report	Report	Report	Report
Availability		60R	100R	150R	220R	600R	110RLV
US West Coast			X		X	X	X
US Gulf Coast		X	X		X	X	X
Latin America		X	X		X	X	
Europe		X	X		X	X	
Asia Pacific			X	X	X	X	
Africa			X		X	X	

* Selected equivalent test methods may be used, coordinate with your Chevron representative

Global Availability

Customers enjoy a short supply chain and excellent supply reliability due to Chevron's centrally located supply hubs and production locations around the world. Lubricant marketers can reduce the number of formulations necessary to meet global and regional performance specifications because Chevron branded base oils are technically substitutable regardless of supply location.

Africa, Middle

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Europe: +32 9 293 7100

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North America: +1 925 842 8788

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