PRODUCT BULLETIN
HVI BASE OIL

CAM2 HVI BASE OILS serve the needs of industrial and automotive customers requiring the highest quality API Group II+ and Group II paraffinic base oil. They contain only premium quality paraffinic hydrotreated feedstocks free of impurities and aromatics leaving only high oxidation and thermally stable molecules. CAM2 HVI BASE OIL is manufactured using state of the art distillation and hydrotreatment producing a consistent high quality, light colored paraffinic finished product with tightly controlled volatility and viscosity index specifications to allow for formulation of premium quality automotive and industrial lubricants.

CAM2 HVI BASE OILS are custom-engineered Group II+ base oils for blenders of premium automotive and industrial lubricants. Manufactured according to the highest standards of performance and consistency, these basestocks allow customers to maximize formulating efficiency. They contain targeted saturate levels which increases additive solubility allowing formulation into higher quality lubricants such as GF-5 gear oils as well as API and ACEA passenger car and heavy-duty engine oils.

TYPICAL PROPERTIES						
CAM 2 International	**METHOD**	**HVI 70**	**HVI 120**	**HVI 150**	**HVI 240**	**HVI 325**
Kinematic Viscosity cSt @ 40ºC cSt @ 100ºC	ASTM D7279 ASTM D7279	12.7 3.0	24.8 4.8	25.28 4.87	43.4 6.9	64.43 8.43
Viscosity Index	ASTM D2270	94	113	116	117	100
Color	ASTM D1500	L 0.5	L 0.5	L 1.2	L 1.5	L 1.5
Appearance	Visual	Clear	Clear	Clear	Clear	Clear
Specific Gravity @ 15ºC (60ºF)	ASTM D4052	0.849	0.849	0.846	0.854	0.872
Flash Point, ºC	ASTM D92	196	228	208	250	255
Pour Point, ºC	ASTM D5949	-21	-18	-12	-15	-13
Cold-Cranking Simulator @ -25ºC, cP @ -20ºC, cP	ASTM D5293 ASTM D5293	600 248	1730 960	1612 903	4950 2650	18160 9092
Evaporative Loss, NOACK, wt%	ASTM D5800	-	12.5	13.3	5.5	3.1
Sulfur, µg/g	ASTM D5185	< 300	< 300	< 300	< 200	<100
Polycyclic Aromatics, wt%	IP 346	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Modified Ames Assay	ASTM E1687	MI < 1	MI < 1	MI < 1	MI < 1	MI < 1