

ATC number	Test name	All drivers compliance	KMLSuperOverlay compliance	Comment	LIBKML compliance	Comment	KML compliance	Comment
1	Root element	YES	YES		YES		YES	
2	XML Schema constraints	YES	YES	In normal situations, but XML hand-written	YES		YES (under normal conditions)	Fix done when converting single layer OGR datasource. However if several layers are written, schemas of second layer and following one is written at end of document
3	Geometry coordinates	YES	N/A	No coordinate element generated	YES		YES	
4	TimeSpan	YES	N/A	No TimeSpan element generated	YES	No check in code for kml:begin <= kml:end. It is user responsibility to provide correct values	N/A	No TimeSpan element generated
5	TimeStamp	YES	N/A	No TimeStamp element generated	YES		N/A	No TimeStamp element generated
6	Style reference	YES	N/A	No styleUrl element generated	YES	Only relative Url handled	N/A	Syles are redefined for each Placemark
7	Shared style definition	YES	YES		YES		N/A	Syles are redefined for each Placemark
8	Region – LatLonAltBox	YES	YES	No minAltitude and maxAltitude elements generated	YES	support added for snippet	N/A	No LatLonAltBox element generated
9	Link elements	YES	YES – N/A	Has Link and Icon elements, but none of refreshInterval, viewRefreshTime, viewBoundScale	YES	support added	N/A	
10	Link referent	YES	YES	NetworkLink OK, Model not generated, GroundOverlay OK, ScreenOverlay and PhotoOverlay not generated	YES (under normal conditions)	It is up to the user to provide the correct type of ressource	N/A	No such elements generated
11	LatLonBox	YES	YES		N/A	No LatLonBox element generated	N/A	No LatLonBox element generated
12	Geometry – extrude	YES	N/A	No extrude element generated	YES	Check added	N/A	No extrude element generated
13	Geometry – tessellate	YES	N/A	No tessellate element generated	YES	Check added	N/A	No tessellate element generated
14	Point	YES	N/A	No Point element generated	YES		YES	
15	LineString	YES	N/A	No LineString element generated	YES	Check added	YES (under normal conditions)	Valid OGC geometries should respect the constraint, but no explicit check in driver

16	LinearRing – control points	YES	N/A	No LinearRing element generated	YES	Check added	YES (under normal conditions)	Valid OGC geometries should respect the constraint, but no explicit check in driver
17	Polygon boundary	YES	N/A	No Polygon element generated	YES	Check added	YES (under normal conditions)	Valid OGC geometries should respect the constraint, but no explicit check in driver
18	Icon – href	YES	YES	URL is valid by construction	YES (under normal conditions)	It is the responsibility of the user to provide a valid URL. The driver cannot reasonably test its validity for performance reasons or maybe because the URL is not yet available at the creation of the KML	N/A	No such elements generated
19	ViewVolume – minimal continent	YES	N/A	No such elements generated	YES	support added	N/A	No such elements generated
20	NetworkLinkControl – minRefreshPeriod	YES	N/A	No such elements generated	YES	support added	N/A	No such elements generated
21	Empty object	YES	YES		YES	Fix added	YES (under normal conditions)	Empty placemark may be generated
22	Update – targetHref	YES	N/A	No Update element generated	YES (under normal conditions)	Support added. It is the responsibility of the user to provide a valid URL. The driver cannot reasonably test its validity for performance reasons or maybe because the URL is not yet available at the creation of the KML	N/A	No Update element generated
23	Identification of update target	YES	N/A	No Update element generated	YES	support added	N/A	No Update element generated
24	PhoneNumber	YES	N/A	No PhoneNumber element generated	YES	support added	N/A	No PhoneNumber element generated
25	Schema	YES	N/A	No Schema element generated	YES		YES	
26	Schema – SimpleField	YES	N/A	No Schema element generated	YES	string, int, float	YES	string, int, float
27	ExtendedData – SchemaData	YES	N/A	No Schema element generated	YES (under normal conditions)	OGR field names should be unique, but this is not strictly enforced	YES (under normal conditions)	OGR field names should be unique, but this is not strictly enforced
28	ExtendedData – Data	YES	N/A	No Schema element generated	YES (under normal conditions)	OGR field names should be unique, but this is not strictly enforced	YES (under normal conditions)	OGR field names should be unique, but this is not strictly enforced
29	Alias	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
30	atom:author	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
31	atom:link	YES	N/A	No such element generated	YES	support added	N/A	No such element generated

32	Orientation	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
33	GroundOverlay	YES	YES	support added	N/A	No such element generated	N/A	No such element generated
34	Model	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
35	PhotoOverlay – minimal content	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
36	Pair	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
37	ItemIcon	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
38	LookAt	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
39	Lod	YES	YES		YES	support added	N/A	No such element generated
40	Link	YES	YES		YES		N/A	No such element generated
41	Region	YES	YES		YES	support added	N/A	No such element generated
42	PolyStyle	YES	N/A	No such element generated	YES	color written	YES	color written
43	Coordinates – altitudeMode	YES	N/A	No such element generated	YES		YES (by default)	ATC 43 fails if a 2D geometry is passed and altitudeMode != clampToGround
44	Scale – minimal content	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
45	KML – minimal content	YES	YES		YES		YES	
46	ViewFormat	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
47	httpQuery	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
48	LinearRing in Polygon	YES	N/A	No such element generated	YES		YES	
49	Data	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
50	ResourceMap – Alias	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
51	Link refresh values	YES	N/A	refreshInterval or viewRefresh are not generated	YES	support added for snippet	N/A	No such element generated
52	PhotoOverlay	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
53	GroundOverlay – minimal content	YES	YES		N/A	No such element generated	N/A	No such element generated
54	Camera	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
55	Location	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
56	Overlay	YES	YES		YES	support added	N/A	No such element generated
57	ScreenOverlay	YES	N/A	No such element generated	YES	support added	N/A	No such element generated

58	BalloonStyle	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
59	ExtendedData	YES	N/A	No such element generated	YES		YES	
60	Folder	YES	N/A	No such element generated	YES	support added	YES	
61	IconStyle	YES	N/A	No such element generated	YES		N/A	No such element generated
62	ImagePyramid	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
63	LabelStyle	YES	N/A	No such element generated	YES		N/A	No such element generated
64	ListStyle	YES	YES	Contains listItemType	YES	support added	N/A	No such element generated
65	Style	YES	YES		YES		YES	
66	MultiGeometry	YES	N/A	No such element generated	YES (under normal conditions)	If multigeometry is made of single geometry, then emit it. If multigeometry is empty emit a warning	YES (under normal conditions)	Nothing particular done so empty or single geometry multigeometry could be emitted
67	Placemark	YES	N/A	No such element generated	YES (under normal conditions)	OGR features can have null geometries, so placemark without geometry could happen in that situation	YES (under normal conditions)	OGR features can have null geometries, so placemark without geometry could happen in that situation
68	StyleMap	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
69	Polygon – rings	YES	N/A	No such element generated	YES	Check added	YES (under normal conditions)	Valid OGC geometries should respect the constraint, but no explicit check in driver
70	LinearRing	YES	N/A	No such element generated	YES	Check added	YES (under normal conditions)	Valid OGC geometries should respect the constraint, but no explicit check in driver
71	BalloonStyle – color	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
72	Metadata	YES	YES	No such element generated	YES	No such element generated	YES	No such element generated
73	Scale	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
74	Lod – fade extents	YES	N/A	MinFadeExtent / maxFadeExtent not generated	YES	support added	N/A	No such element generated
75	Orientation – full content	YES	N/A	No such element generated	YES	support added	N/A	No such element generated
76	Snippet	YES	N/A	No such element (neither kml:snippet) generated	YES	Support added for snippet	N/A	No such element (neither kml:snippet) generated
77	NetworkLink – Url	YES	YES		YES		N/A	No such element generated

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