

2017 Tyre Hardness Record

- o This document details the tyre hardness readings taken at BriSCA F2 Stock Car meetings during the 2017 season.
- o All readings were taken by the BriSCA F2 Chief Technical Consultant, Adrian Blackwell, using the same durometer and following a consistent common process including the order in which the readings are taken from each car.
- o A number of factors influence the number of readings able to be taken at a meeting, including, but not limited to:
 - o Local procedures for holding cars at the conclusion of races
 - o Post-race technical issues requiring investigation
 - o Post-race technical checks being carried out on championship placing cars

Track: Kings Lynn	Date: 4th Mar '17	Formula: F2 - WCQR
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
488	Heat 1	1st	Dry	Cloud: 25% Cool	62	63	60	68	66	68	65	64	66	64	63	64
606	Heat 2	1st	Dry	Cloud: 25% Cool	61	63	64	64	65	65	64	64	64	62	62	62
298	Cons	1st	Dry	Cloud: 50% Cool	60	64	64	66	66	64	64	64	66	62	63	60
995	GN	1st	Dry	Cloud: 50% Cool	60	60	60	66	66	68	64	63	65	62	60	58

Track: Taunton	Date: 12th Mar '17	Formula: F2 - Domestic
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
53	Heat 1	1st	Wet	Cloud: 100% Cool	68	68	68	68	68	69	66	70	72	70	66	66
464	Heat 2	1st	Wet	Cloud: 100% Cool	66	65	66	68	64	66	65	66	68	66	64	65
606	Cons	1st	Damp	Cloud: 100% Cool	66	66	67	67	64	66	65	65	67	65	63	64
575	Final	1st	Dry	Cloud: 100% Cool	64	66	64	68	68	68	58	59	64	61	61	60
578	Final	2nd	Dry	Cloud: 100% Cool	62	64	64	63	63	62	59	60	59	60	62	60
38	Final	3rd	Dry	Cloud: 100% Cool	62	62	63	66	66	66	64	61	64	62	62	63

Track: Birmingham	Date: 8th Apr '17	Formula: F2 - WCQR
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
787	Heat 1	1st	Dry	Sun Warm	56	58	58	60	58	60	54	58	56	54	58	58
142	Heat 2	1st	Dry	Sun Warm	56	57	58	59	59	58	55	57	58	58	54	54
560	Cons	1st	Dry	Sun Warm	56	56	56	58	58	58	54	54	54	54	54	53
787	Final	1st	Dry	Sun Warm	56	58	56	60	59	58	56	58	60	52	55	52
362	Final	2nd	Dry	Sun Warm	56	59	60	60	58	58	54	56	56	54	56	58
154	Final	3rd	Dry	Sun Warm	58	59	60	60	59	58	58	56	58	54	56	54
127	GN	1st	Dry	Sun Warm	54	58	56	58	58	56	56	54	56	57	56	56

Track: Hednesford	Date: 9th Apr '17	Formula: F2 - WCQR
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
821	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		58			60			56			58	
449	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		60			60			60			58	
539	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		58			59			60			59	
53	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		66			57			64			62	
283	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		62			62			62			57	
581	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		60			64			63			62	
647	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		66			66			66			64	
318	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		60			62			66			60	

595	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		66			64			62			64	
178	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		66			66			64			64	
527	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		64			62			62			62	
7	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		60			62			62			62	
504	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		61			62			61			60	
741	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		62			62			60			63	
441	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		60			61			62			60	
787	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		60			60			62			62	
154	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		60			62			62			60	
886	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		62			60			60			60	

464	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		60			60			60			62	
606	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		62			60			62			62	
700	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		62			64			63			62	
319	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		64			66			61			63	
14	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		66			60			62			60	
968	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		66			64			62			63	
101	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		60			60			64			60	
618	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		60			62			62			62	
59	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		60			62			64			62	
560	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		64			62			62			61	

488	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		64			66			64			64	
544	Pre Meeting	n/a	n/a	Sun Cloud: 25% Warm		62			62			63			64	
787	Heat 1	1st	Dry	Sun Cloud: 25% Hot	58	59	58	59	56	58	56	56	56	52	56	52
647	Heat 2	1st	Dry	Sun Cloud: 25% Hot	55	57	57	57	56	58	56	58	58	56	58	58
787	Heat 3	1st	Dry	Sun Cloud: 25% Hot	57	58	55	56	54	54	53	54	53	52	52	52
560	Final	1st	Dry	Sun Cloud: 25% Hot	58	58	56	59	58	58	54	58	56	58	58	57
101	GN	1st	Dry	Sun Cloud: 25% Hot	54	54	53	55	55	54	54	55	53	53	55	54

Track: Northampton	Date: 14th Apr '17	Formula: F2 - Domestic
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
142	Heat 1	1st	Dry	Cloud: 100% Warm	53	54	55	59	59	56	54	56	54	54	56	55
647	Heat 2	1st	Dry	Cloud: 100% Warm	57	57	58	56	56	58	54	54	55	56	56	54
7	Cons	1st	Dry	Cloud: 100% Warm	60	58	60	56	58	57	57	57	58	55	56	55
647	Final	1st	Dry	Cloud: 100% Warm	53	55	57	58	56	55	54	56	56	53	60	56
7	Final	2nd	Dry	Cloud: 100% Warm	58	59	57	54	53	53	55	55	54	58	60	56
142	Final	3rd	Dry	Cloud: 100% Warm	56	58	58	58	55	55	59	58	56	53	53	53

Track: Northampton	Date: 7th May '17	Formula: F2 - WCQR
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
488	Heat 1	1st	Dry	Sun Cloud: 25% Warm	56	53	54	60	56	56	55	54	54	51	56	52
581	Heat 1	5th	Dry	Sun Cloud: 25% Warm	52	54	58	56	56	60	55	55	57	60	58	54
199	Heat 2	1st	Dry	Sun Cloud: 25% Warm	54	55	54	58	58	60	54	55	53	52	54	55
586	Heat 2	4th	Dry	Sun Cloud: 25% Warm	54	58	58	54	54	52	53	53	52	54	54	55
154	Cons	1st	Dry	Sun Cloud: 25% Warm	54	53	50	54	56	53	54	55	53	54	58	56
578	Cons	8th	Dry	Sun Cloud: 25% Warm	56	62	60	56	56	58	52	54	52	53	58	53
7	Final	1st	Dry	Sun Cloud: 25% Warm	58	56	55	54	53	54	57	59	58	53	54	53
560	Final	2nd	Dry	Sun Cloud: 25% Warm	54	54	56	57	56	58	54	56	58	53	55	54

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581	Final	3rd	Dry	Sun Cloud: 25% Warm	58	57	59	56	57	54	55	57	56	52	54	52
801	Final	6th	Dry	Sun Cloud: 25% Warm	53	57	58	56	58	56	55	58	58	56	58	60
581	GN	1st	Dry	Sun Cloud: 25% Warm	55	56	57	52	55	57	54	53	54	56	56	55
154	GN	7th	Dry	Sun Cloud: 25% Warm	52	56	54	56	58	56	54	58	56	57	58	58

Track: Taunton	Date: 21st May '17	Formula: F2 - Ben Fund
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
890	Heat 1	1st	Dry	Sun Cloud: 50% Warm	58	56	56	59	60	58	56	59	56	54	54	53
24	Heat 1	2nd	Dry	Sun Cloud: 50% Warm	52	53	54	58	59	60	56	56	58	56	58	56
618	Cons	1st	Dry	Sun Cloud: 50% Warm	61 *	61 *	62 *	64 *	63 *	62 *	61 *	62 *	60 *	62 *	64 *	60 *
542	Cons	2nd	Dry	Sun Cloud: 50% Warm	64 *	64 *	62 *	63 *	62 *	62 *	61 *	61 *	62 *	62 *	62 *	62 *
245	Final	1st	Dry	Sun Cloud: 25% Warm	54	56	58	59	54	58	56	53	52	52	56	52
7	Final	2nd	Dry	Sun Cloud: 25% Warm	55	54	54	57	56	53	54	57	56	60	58	52
890	Final	3rd	Dry	Sun Cloud: 25% Warm	58	56	54	59	56	56	60	61	62	58	58	59
7	GN	2nd	Dry	Sun Cloud: 50% Warm	56 *	58 *	60 *	60 *	62 *	60 *	60 *	61 *	60 *	58 *	60 *	60 *

* - These readings were taken with an alternative durometer

Track: Ballymena	Date: 10th Jun '17	Formula: F2 - Nationals
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
NI 47	Heat 1	1st	Dry	Cloud: 100% Warm	54	54	58	60	60	60	56	57	58	58	60	58
NI 935	Heat 1	2nd	Dry	Cloud: 100% Warm	58	56	58	56	58	58	55	55	59	58	55	55
935	Heat 2	1st	Wet	Rain Shower Cloud: 100% Warm	64	64	65	58	58	62	62	66	66	63	64	64
NI 86	Heat 2	2nd	Wet	Rain Shower Cloud: 100% Warm	62	62	60	63	62	60	64	68	66	62	64	63
NI 747	Final	1st	Drying	Cloud: 100% Warm	58	58	56	59	60	60	54	56	58	56	60	58
NI 312	Final	2nd	Drying	Cloud: 100% Warm	56	58	58	58	56	58	56	56	60	54	58	55
560	Final	3rd	Drying	Cloud: 100% Warm	58	58	60	60	62	62	54	58	60	56	54	56

Track: Nutts Corner	Date: 11th Jun '17	Formula: F2 - Irish Open
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
NI 718	Heat 1	1st	Dry	Cloud: 100% Cool	54	58	58	60	56	58	54	54	60	58	58	59
901	Heat 2	1st	Damp	Rain Cloud: 100% Cool	56	52	52	58	60	58	56	58	58	56	58	54

Track: St.Day	Date: 18th Jun '17	Formula: F2 - WCQR
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
700	Heat 1	1st	Dry	100% Sun Hot	56	56	56	54	54	55	52	54	56	56	56	56
468	Heat 1	2nd	Dry	100% Sun Hot	54	54	56	54	53	55	52	53	56	56	56	54
315	Heat 2	1st	Dry	100% Sun Hot	54	58	56	56	54	54	52	54	54	55	55	56
606	Heat 2	2nd	Dry	100% Sun Hot	56	58	56	52	52	51	51	54	54	56	59	58
488	Cons	1st	Dry	100% Sun Hot	54	57	58	56	54	58	54	57	54	54	56	56
979	Cons	2nd	Dry	100% Sun Hot	56	55	56	56	54	54	54	56	56	55	57	54
38	Final	1st	Dry	100% Sun Hot	59	57	58	55	57	57	56	55	56	56	60	60
302	Final	2nd	Dry	100% Sun Hot	54	54	53	56	54	56	55	56	56	60	60	60

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700	Final	3rd	Dry	100% Sun Hot	60	58	58	58	57	54	58	56	58	58	62	62
418	GN	1st	Dry	100% Sun Hot	54	53	53	57	56	56	54	56	56	54	58	57

Track: Taunton	Date: 20th Jun '17	Formula: F2 - WCQR
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
418	Heat 1	1st	Dry	Sun Cloud: 50% Hot	56	54	56	56	55	55	56	54	55	55	56	56
127	Heat 1	2nd	Dry	Sun Cloud: 50% Hot	56	55	56	56	55	54	54	53	56	56	58	56
24	Heat 2	1st	Dry	Sun Cloud: 50% Hot	54	53	54	56	54	58	55	57	55	54	58	57
468	Heat 2	2nd	Dry	Sun Cloud: 50% Hot	56	56	54	54	58	58	56	54	56	56	56	55
618	Cons	1st	Dry	Sun Cloud: 50% Hot	54	56	56	53	56	54	55	56	56	56	54	58
578	Cons	2nd	Dry	Sun Cloud: 50% Hot	54	57	56	55	56	55	54	54	56	56	56	56
522	Final	1st	Dry	Sun Cloud: 50% Hot	56	56	58	58	54	58	57	58	58	54	56	56
886	Final	2nd	Dry	Sun Cloud: 50% Hot	54	54	54	58	58	56	54	58	57	54	58	54

BriSCA F2 - Tyre Hardness Readings - 2017 Season

468	GN	1st	Dry	Sun Cloud: 50% Hot	58	58	56	56	54	55	54	54	56	54	59	54
745	GN	2nd	Dry	Sun Cloud: 50% Hot	57	57	56	55	58	58	54	57	56	54	57	54

Track: Bristol	Date: 24th Jun '17	Formula: F2 - British Qualifying
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
7	Heat 1	1st	Dry	Cloud: 100% Warm	53	53	52	55	56	54	54	58	56	54	55	53
127	Heat 1	2nd	Dry	Cloud: 100% Warm	58	58	58	56	56	57	54	56	56	58	8	56
935	Heat 2	1st	Dry	Cloud: 100% Warm	54	58	56	54	54	57	54	55	55	54	55	56
522	Heat 2	2nd	Dry	Cloud: 100% Warm	57	59	59	59	55	58	58	59	59	56	58	57
7	Heat 3	1st	Dry	Cloud: 100% Warm	55	57	53	56	55	56	52	56	55	54	56	53
560	Heat 3	2nd	Dry	Cloud: 100% Warm	57	55	55	56	57	55	56	54	54	56	56	55
935	Heat 4	1st	Dry	Cloud: 100% Warm	56	55	54	53	54	56	54	54	53	54	58	54
886	Heat 4	2nd	Dry	Cloud: 100% Warm	55	58	57	58	57	56	52	56	56	52	56	53

352	Heat 5	1st	Dry	Cloud: 100% Warm	60	58	57	53	56	56	57	59	58	59	60	57
7	Heat 5	2nd	Dry	Cloud: 100% Warm	58	57	58	56	58	56	55	56	55	54	53	54
935	Heat 6	1st	Dry	Cloud: 100% Warm	54	56	56	58	58	58	54	53	54	53	56	56
127	Heat 6	2nd	Dry	Cloud: 100% Warm	58	57	58	58	57	58	55	56	56	56	56	54
-	Heat 7	-	Dry	Cloud: 100% Warm	No readings taken in Heat 7 due to delayed reuslt following major on-track incident											

Track: Northampton	Date: 15th Jul '17	Formula: F2 - European Qualifying
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
560	Heat 1	1st	Dry	Cloud: 100% Warm	54	53	53	55	55	55	53	54	56	55	55	58
7	Heat 1	2nd	Dry	Cloud: 100% Warm	56	56	55	58	58	58	55	58	57	52	53	53
468	Heat 2	1st	Dry	Cloud: 100% Warm	54	56	56	53	56	56	57	55	56	56	59	56
NI747	Heat 2	2nd	Dry	Cloud: 100% Warm	54	56	56	58	56	58	52	56	54	53	58	54
318	Cons	1st	Dry	Cloud: 100% Warm	55	54	56	54	54	56	54	55	54	56	58	54
297	Cons	2nd	Dry	Cloud: 100% Warm	56	56	56	56	55	54	55	55	55	54	57	58
154	Final	1st	Dry	Cloud: 100% Warm	58	56	55	54	54	54	56	56	54	56	55	55
560	Final	2nd	Dry	Cloud: 100% Warm	56	54	56	55	55	54	56	54	56	56	58	54

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127	Final	3rd	Dry	Cloud: 100% Warm	58	58	58	56	56	54	52	52	52	55	56	54
127	GN	1st	Dry	Cloud: 100% Warm	54	53	54	53	55	56	53	52	54	52	54	56
297	GN	2nd	Dry	Cloud: 100% Warm	54	54	55	58	58	58	53	54	56	52	52	54

Track: Northampton	Date: 16th Jul '17	Formula: F2 - European
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Car No.	Race	Finish Place	Track	Weather	LEFT REAR (LR)			LEFT FRONT (LF)			RIGHT FRONT (RF)			RIGHT REAR (RR)		
					In	Mid	Out	In	Mid	Out	In	Mid	Out	In	Mid	Out
127	Heat 1	1st	Dry	Cloud: 75% Warm	53	54	54	54	56	54	54	53	54	54	54	52
606	Heat 2	2nd	Dry	Cloud: 75% Warm	56	54	56	54	54	53	52	53	53	52	52	52
560	Heat 2	1st	Dry	Cloud: 100% Warm	55	56	54	56	53	54	56	53	52	52	55	52
7	Heat 2	2nd	Dry	Cloud: 100% Warm	55	53	54	54	56	56	52	52	53	52	54	54
NI 935	Cons	1st	Dry	Cloud: 100% Warm	58	58	57	52	52	56	56	54	54	55	58	56
16	Cons	2nd	Dry	Cloud: 100% Warm	53	56	54	54	56	56	57	57	55	54	54	52
527	Final	1st	Dry	Cloud: 100% Warm	56	56	55	56	55	56	52	52	53	54	56	56
560	Final	2nd	Dry	Cloud: 100% Warm	52	54	54	53	56	53	54	52	56	54	53	52