

SET-UP SHEET

X4'24 SET-UP SHEET VER.1 ©XRAY

XRAY X4'24

| | | | | | |
|---------------|------------------------|----------------|------|--------------|--------------|
| RACE | Norwegian Championship | | | | |
| TRACK | Kvinesdal | | | | |
| NAME | Mathias Nedrebø | | DATE | 01/09/2024 | |
| QUAL POSITION | 1 | FINAL POSITION | 1 | BEST LAPTIME | 10.798 /sec |
| | | | | LAPS | 28 / 5.09:17 |

| TRACK | | |
|---------------|---|--|
| TRACK SURFACE | <input type="checkbox"/> CARPET | <input checked="" type="checkbox"/> ASPHALT |
| TRACK LAYOUT | <input checked="" type="checkbox"/> TECHNICAL | <input type="checkbox"/> MIXED <input type="checkbox"/> FAST |
| TRACTION | <input type="checkbox"/> LOW | <input type="checkbox"/> MEDIUM <input checked="" type="checkbox"/> HIGH |

| FRONT | | TRANSMISSION | | REAR | |
|---------------|-------|--|---------------|-------------------|------|
| GEAR DIFF OIL | /cSt | <input checked="" type="checkbox"/> FRONT SOLID AXLE | GEAR DIFF OIL | 10K /cSt | |
| PINION | 28 /T | SPUR GEAR | 110 /T | FINAL DRIVE RATIO | 7.46 |

| FRONT | | SHOCKS | | REAR | |
|---|---|--------------|---|------|--|
| 2.5-2.8 | | XRAY SPRINGS | | 2.7 | |
| 375 | | OIL /cSt | | 375 | |
| 0 | | REBOUND % | | 0 | |
| <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | |

| | | | | | |
|---|---|---|---|---|---|
| <input checked="" type="checkbox"/> 4 HOLES | <input checked="" type="checkbox"/> 1.1mm | <input checked="" type="checkbox"/> 1.1mm | <input checked="" type="checkbox"/> 4 HOLES | <input checked="" type="checkbox"/> 1.1mm | <input checked="" type="checkbox"/> 1.1mm |
| <input type="checkbox"/> PSS | <input type="checkbox"/> 1.2mm | <input type="checkbox"/> 1.2mm | <input type="checkbox"/> PSS | <input type="checkbox"/> 1.2mm | <input type="checkbox"/> 1.2mm |
| SHOCK LENGTH | | 8.5 /mm | SHOCK LENGTH | | 8.5 /mm |

| | | | | |
|-----|--------------|---------------|--------------|-----|
| 1.3 | THICKNESS/mm | ANTI-ROLL BAR | THICKNESS/mm | 1.2 |
|-----|--------------|---------------|--------------|-----|

| | | |
|--------------|-----------------|------------|
| Contact 36 | TIRES | Contact 36 |
| MR33 V3 | ADDITIVE | MR33 V3 |
| 15 | ADDITIVE TIMING | 15 |
| | WIPE OFF TIME | |
| Timing: 15 | Temp.: 65 | Timing: 15 |
| Temp.: 65 | TIRE WARMERS | Temp.: 65 |
| FRONT LEFT | FRONT RIGHT | REAR LEFT |
| | | REAR RIGHT |
| TREATED AREA | | |

| | | | | |
|--------------|---------|----------------|---------|--------|
| TOTAL WEIGHT | 1320 /g | WEIGHT BALANCE | FRONT % | REAR % |
|--------------|---------|----------------|---------|--------|

| | | | |
|-------|--------------------|-----------|---------------|
| MOTOR | Hobbywing G3 5.0T | TIMING | 35 |
| ESC | Hobbywing XR10 G2S | BATTERIES | Sunpadow 4000 |
| BODY | Speciale UL | WING | Speciale |

| | | |
|--------------|--|---|
| 65 /mm | Dimension from body post to window bottom line | BODY POSITION |
| 7th+0+o-ring | Dimension from body post to upper holder | WING SIDE PLATE |
| | | YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> |
| 65 /mm | Dimension from edge to surface | |

| | | |
|-------|---|---|
| 1.6mm | <input checked="" type="checkbox"/> 2.0mm | <input checked="" type="checkbox"/> 1.6mm |
| X4'23 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| X4'22 | <input type="checkbox"/> | <input type="checkbox"/> |
| X4'22 | <input type="checkbox"/> | <input type="checkbox"/> |
| | NONE | BEARING |

Tires cleaned with break cleaner.

For Stock 13.5T i used the same setup with these differences:
 -8K diff oil
 -4.75 gear ratio, normal size battery, 48 deg timing
 -5.6mm drop in front
 -1mm under upper arm rear inner
 -2.5mm bump steer shim, 2mm toe gain shim

| FRONT & REAR SUSPENSION | |
|--------------------------------------|--|
| FRONT CASTER | REAR CASTER |
| Adjust with eccentric bushings | Adjust with eccentric bushings |
| BUMP STEER | SHIM |
| 2 /mm | 6.5 /mm |
| HEIGHT | SHIM |
| 19 /mm | 6.5 /mm |
| TOE GAIN | TOE IN |
| 2.5 /mm | 3.5 /mm |
| SHIM | SHIM |
| 3 /mm | 3 /mm |
| FRIDE HEIGHT | FRIDE HEIGHT |
| 5.0 /mm | 5.4 /mm |
| FR 3 /mm | RR 3.5 /mm |
| <input type="checkbox"/> SERVO SAVER | <input checked="" type="checkbox"/> SERVO HORN |

| FRONT | |
|------------------------------------|---|
| 1.75 /deg. CAMBER | Left = Right |
| BODY STOP | YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> |
| SHOCK HOLDERS | SHIM 2 /mm |
| SUSPENSION FLEX | YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> |
| DRIVE SHAFT | 58mm 59mm BEARING BLADE |
| #107702 Chassis Droop Gauge Blocks | #107712 Chassis Droop Gauge |
| 5.8 /mm | DOWNSTOP |

| REAR | |
|------------------------------------|--|
| 2.25 /deg. CAMBER | Left = Right |
| BODY POST | VERTICAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/> |
| SHOCK HOLDERS | FIXED <input type="checkbox"/> ACTIVE <input checked="" type="checkbox"/> |
| SUSPENSION FLEX | YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> |
| DRIVE SHAFT | 52mm 54mm BEARING BLADE |
| #107702 Chassis Droop Gauge Blocks | #107712 Chassis Droop Gauge |
| 4.6 /mm | DOWNSTOP |

| FRONT TOP VIEW | | REAR | |
|------------------------------|--|------------------------------|--|
| 1 TOE OUT | Left = Right | 3 TOE IN | Left = Right |
| ACKERMANN | SHIM /mm | SHORT LiPo BRASS WEIGHT | YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> |
| BRASS WEIGHT FOR MOTOR MOUNT | 20 40g | BRASS WEIGHT FOR MOTOR MOUNT | 12 40g |
| DIFF POSITION | UP <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> +1mm | DIFF POSITION | UP <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> +1mm |
| UPPER ARM | SOFT <input checked="" type="checkbox"/> MEDIUM <input type="checkbox"/> | UPPER ARM | SOFT <input checked="" type="checkbox"/> MEDIUM <input type="checkbox"/> |
| STEERING BRIDGE | YES <input type="checkbox"/> NO <input type="checkbox"/> | STEERING | SHIM /mm |
| HUB OFFSET | STD. <input checked="" type="checkbox"/> -0.5mm <input type="checkbox"/> +0.5mm SHIM /mm | HUB OFFSET | STD. <input checked="" type="checkbox"/> -0.5mm <input type="checkbox"/> +0.5mm SHIM /mm |

| FRONT BOTTOM VIEW | | REAR | |
|-------------------|--|-------------|--|
| STEER. LOCK | 26 /deg. | T-BRACE | ALU <input checked="" type="checkbox"/> BRASS <input type="checkbox"/> |
| SERVO HOLDER | FR RE | MOTOR MOUNT | CHASSIS T-BRACE |
| FRONT ARMS | MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/> | REAR ARMS | MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/> |
| CHASSIS | GRAPHITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/> ALU 1.5mm <input type="checkbox"/> | | |