# SET-UP SHEET

XB2'24 SET-UP SHEET VER. 1 ©XRAY 2023

XRAY XB2'24

| | | | |
|---|---|---|---|
| RACE | Äänekoski practice | | |
| TRACK | Äänekoski | | |
| NAME | Oiva Metsola | DATE | 2024-09-02 |

| | | | |
|---|---|---|---|
| LAPS | | BEST LAP TIME | sec |
| QUALIFYING POSITION | | FINAL POSITION | |

## TRACK

| | | | |
|---|---|---|---|
| SIZE | ☐ OPEN | ☒ MEDIUM | ☐ TIGHT |
| TRACTION | ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☒ ☐ | | |
| | VERY-LOW | MEDIUM | VERY-HIGH |
| SURFACE | ☒ SMOOTH | ☐ MEDIUM | ☐ BUMPY |
| TYPE | ☐ CLAY | ☒ CARPET | ☐ ASTRO |
| CONDITION | ☐ BLUE GROOVE | ☐ HARD PACKED | ☒ DRY |
| | ☐ DUSTY | ☐ LOAMY | ☐ WET |

## TRANSMISSION

BALL DIFF ☐ GEAR DIFF ☒ ACTIVE DIFF ☐

DIFFERENTIAL OIL 40k cSt — 60° 90° 120°

SATELITE GEARS COMPOSITE ☐ ☒ STEEL GEARS 2 ☒ ☐ 4

SLIPPER 0 mm NUT — 2-PAD SLIPPER CLUTCH PLATES

SOLID AXLE ☐ KIT ☒ ☐ VENTILATED

## GEARING

| | | | |
|---|---|---|---|
| PINION | 20 T | SPUR GEAR | 78 T |

## GEAR BOX

TYPE: FRONT LCG ☒ ☐ REAR LCG — HARDNES: KIT ☒ ☐ GRAPHITE

## SHOCKS

| FRONT | | REAR |
|---|---|---|
| Dot 5 | SPRINGS | Black |
| 700 cSt | OIL | 600 cSt |
| 2 HOLES ☒ | ø1.6mm ☐ ø1.8mm ☐ | 2 HOLES ☒ |
| HOLES | ø2x1.7mm ø2x1.9mm | HOLES |
| Thickness 2.0mm ☒ 2.5mm ☐ Precision ☐ KIT ☐ | KIT ☒ ALU ☐ | Thickness 2.0mm ☒ 2.5mm ☐ KIT ☐ Precision ☐ |
| 0 mm | DOWNSTOP SHIM INSERT UNDER PISTON | 0 mm |
| LENGTH 22 mm | | 28 mm LENGTH |
| 0 mm | UPSTOP SHIM INSERT ABOVE COLLAR | 0 mm |
| KIT ☐ ALU ☒ — 0mm ☐ -2mm ☐ -4mm ☒ | COLLAR | 0mm ☐ -2mm ☐ -4mm ☒ — KIT ☐ ALU ☒ |
| ☐ +4mm ☐ +2mm ☒ KIT | BALL JOINT | ☒ KIT ☐ +2mm ☐ +4mm |

## ANTI ROLL BAR

| FRONT | | REAR |
|---|---|---|
| 1.0 mm | THICKNESS | 1.2 mm |

## TIRES

| FRONT | | REAR |
|---|---|---|
| Shum fusion | BRAND | Shum cactus |
| Yellow | COMPOUND | Yellow |
| | INSERTS | Shum medium |
| Shum slim | WHEELS | Shum |

## ELECTRONICS

| | | | |
|---|---|---|---|
| MOTOR | HW 5.0 | HW XR10PRO | SPEEDO |
| MOTOR TIMING | 30 | LRP4200mah | BATTERY |

| BODY | TOTAL WEIGHT |
|---|---|
| Carpet ☒ LIGHT | 1478 /g |

## COMMENT

## FRONT — APPLIED ◉ ☒ APPLIED — REAR

CASTER BLOCK: MEDIUM - KIT ☒ HARD ☐ GRAPHITE ☐ ALU ☐

LONGER BUSHINGS: UP ☐ DOWN ☒

SHOCK TOWER: KIT ☒ 4.0mm ☐ 3.5mm

ALU C-HUB: UP 0 /mm DOWN 2 /mm

STEERING BLOCK: MEDIUM - KIT ☒ HARD ☐ GRPHITE ☐ ALU ☐

SHIM /mm — CAMBER LINK LOCATION

SHIM 2 /mm — MEDIUM - KIT ☐ HARD ☐ GRAPHITE ☐ ALU ☒

REAR UPRIGHT: HIGH ☐ LOW ☒

DRIVE SHAFT: KIT ☒ 77 /mm — SHIM 2 /mm

SHIM 2 /mm

STANDARD ARM — DISENGAGED ARM

#325341 ADJ. DRIVE AXLE

ARM MOUNT: 0° ☐ KIT; 0° ☐ ALU; -3° ☐ ALU; +3° ☐ ALU; 0° ☐ BRASS; TOTAL ☐ KICK-UP°

FRONT WING: YES ☒ NO ☐ — KIT ☒ OTHER ☐

STEERING BUMP STEER: SHIM 4 /mm

ACKERMANN SHIM: 0 /mm

CASTER BUSHINGS: 0° ☐ 2.5° ☒ 5° ☐

KICK-UP°

ARM MOUNT 0° + CASTER BUSHING 0° = TOTAL 22° KICK-UP

Cutting line +/- from the base line. 2mm +/- mm

Wing length: Kit /mm

SHOCK TOWER: Kit /mm

Offset wing mounting behind the rear shock tower.

WING TYPE: Lush

CENTER FIN: YES ☐ NO ☒

WING POSITION: UP ☒ MIDDLE ☐ DOWN ☐

FRONT TOE: 2 °

OFFSET: 2 /slots

WHEELBASE: 2 /mm

ROLL CENTER: KIT ☐ ALU ☒

STEERING: PLATE KIT ☒ ALU ☐ — ARMS KIT ☒ ALU ☐

OUT — IN

EXTENSION: 1 DOT ☒ 2 DOTS ☐ 3 DOTS ☐

REAR TOE °

BATTERY PLACEMENT: LONG SIDE FRONT ☒ — LONG SIDE REAR ☐

SERVO POSITION 1 2

BATTERY SIZE: STD. SHORT ☐ LOW SHORT ☒

SERVO BRACE: YES ☒ NO ☐

SIDE BRACES: KIT ☒ GRAPHITE ☐

1 2 3 4 5 6 7 8

COOLING: FRONT ☐ REAR ☐

MOTOR PLATE: KIT ☒

UPPER BRACE: YES ☐ NO ☒

OFFSET 3 /slots

WHEELBASE 1 /mm

ROLL CENTER: KIT ☐ GRAPHITE ☐ ALU ☒

REAR

## REAR ROLL CENTER SUSPENSION HOLDERS

RF 0.5° ☐ ☒ 1° — 0mm ☐ 1mm

RR 0.5° ☒ ☐ 1° — XRAY 3° — 0mm ☐ 1mm

3° ☐ 1° ☒ KIT

Rasing the suspension holders with shims.

#323326 ALU REAR LOWER SUSPENSION HOLDER 1° - REAR

XRAY 1° — 0mm ☐ 1mm

Rasing the suspension holders with shims.

FRONT CAMBER 1.5 /°

GLUING SIDEWALL: YES ☐ NO ☒

FRONT ARM: MEDIUM ☐ HARD ☐ GRAPHITE ☒

RIDE HEIGHT 15 /mm — RIDE HEIGHT #107721 GAUGE

DIFF HEIGHT

2 /°

REAR CAMBER

CUTTING PINS: IN ☒ ☒ OUT; NO ☐ ☐ NO

REAR ARM: MEDIUM ☐ HARD ☐ GRAPHITE ☒

15 /mm RIDE HEIGHT

SERVO WEIGHT: STANDARD ☐ LOW PROFILE ☒

LOWER ECCENTRIC SHOCK BALL: FRONT ☒ REAR ☐ — FRONT ☐ REAR ☒

ARM MOUNT BALANCE #293085 HUDY Pure Tungsten Weight - 10g.

BALANCE 25 /g — BALANCE 17 /g — BALANCE 51 /g — 0 /g BALANCE — 0 /g BALANCE

ARM SHIM 2 /mm

CHASSIS SIZE: SHORT ☒ MID-SIZE ☐ LONG ☐

THICKNESS: 2.5mm KIT ☒ 2.0mm ☐

ELECTRONICS PLATE: NO ☐ GRAPHITE ☐ WEIGHT ☐