HYDRAULICELATITAPRET



978-1986

196 (3.2L) 231 (3.8L) 252 (4.1L) V6 Evenfire

| Description (Note: See pages 6-7 for a detailed explanation of each Performance Level) | Part Number | C.I.D. Group | Grind | Lobe Sep. | Dura | rtised ation Exhaust | @.(| | 1.6 | ss Lift / 1.6 Exhaust | Suitable Component Kit |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|--------|--------------|------|----------------------------|------|------|-------|-----------------------------|------------------------------|
| BAJA BEAST / Performance Level 2 Good hot street cam with emphasis on upper bottom to top end power. RPM Power Range: 1800 to 4500 / Redline: 6000 Plus. | 54915 мто | ALL CID | 280HDP | 112° | 280° | 290° | 204° | 214° | .450" | .474" | 84053X3 |
| ULTRA PERFORMANCE COMPU-PRO / Performance Level 3 Street/strip cam with strong mid to top end torque and horsepower. RPM Power Range: 2000 to 6000 / Redline: 6500 Plus. | 54245 | ALL CID | 278HDP | 112° | 278° | 284° | 212° | 218° | .462" | .478" | 84053X3 |
| CUSTOM GROUND HYDRAULIC Special order hydraulic lifter camshaft ground to your specifications. Call with all engine data incl. head flow data, valve sizes, operating power range, etc when ordering. | 00154H | ALL CID | | Refe | | ww.cı recoi | | | | amsho | ıft |

Note: Early 198-225 cid 1962-1967 Odd Fire cam cores are available from Crower. Specify when ordering.

Note: These cams use .000" intake and exhaust valve lash.

Note: Crower has an extensive inventory of Buick V6 cam profiles and roller lifters that were designed for the Buick V6 Indy turbo engines.

MECHANICAL FLAT TAPPET

| Description (Note: See pages 6-7 for a detailed explanation of each Performance Level) | Part Number | C.I.D. Group | Grind | Lobe Sep. | Dur | rtised ation Exhaust | @.(| | 1.6 | ss Lift / 1.6 Exhaust | Suitable Component Kit |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|--------|--------------|--------|----------------------------|---------------|------|-------|-----------------------------|------------------------------|
| COMPU-PRO / Performance Level 3 Extended rpm range with emphasis on upper bottom to top end power. RPM Power Range: 1800 to 4500 / Redline: 6000 plus. | 54310 MTO | ALL CID | 282FDP | 107° | 282° | 287° | 238° | 242° | .483" | .486" | 84303 |
| COMPU-PRO / Performance Level 4 Hot street/strip profile. Strong mid to top end torque and horsepower. RPM Power Range: 2200 to 6000 / Redline: 7000 plus. | 54311 MTO | ALL CID | 292FDP | 108° | 292° | 298° | 244° | 248° | .501" | .514" | 84303 |
| CUSTOM GROUND SOLID Special order solid lifter camshaft ground to your specifications. Call with all engine data including head flow data, valve sizes, operating power range, etc when ordering. | 00154M | 196 231 252 | | Refe | r to w | | rower mmei | | | amsho | ıft |

Note: Custom ground turbocharged/supercharged camshafts are available from Crower on a special order basis.

Buick GN 231 c.i. 6 cyl. 1977 1/2 - 1987, 1988 - 1989 AMC

Note: "MTO" denotes that this item is not usually stocked but is **Made To Order** in 2-3 days.

ENGINEERED COMPONENT KITS

| | , | | _ | | |
|-----------|--------------|------------|-----------|-----------|----------------------------|
| Part No. | Lifters | Springs | Retainers | Oil Seals | Remarks |
| 84053 | 66050-12 | 68301X1-12 | 86032-12 | | Hydraulic Lifter. |
| 84053X3 | 66050X3-12 | 68301X1-12 | 86032-12 | | CamSaver Hydraulic Lifter. |
| 84303 | 66900-12 | 68390X3-12 | 87048-12 | 86072-12 | Dual Spring. |
| 84303X980 | 66900X980-12 | 68390X3-12 | 87048-12 | 86072-12 | Dual W/ CoolFace Lifter |

Spring pressure:

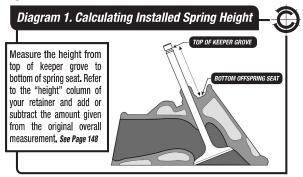
68301X1-12 Seat: 1.700" @ 101 lbs / Nose: 1.250" @ 274 lbs / Coil bind: 1.130" 68304-16 Optional Spring

Crower Recommends ZDDPlus for all Flat Tappet Cams

ZDDPlus™ contains 42,700 ppm of phosphorus and 57,300 ppm of zinc. When a 4-ounce bottle of ZDDPlus™ is added to 5 quarts of oil, it is diluted 41:1, which contributes 1047 ppm of phosphorus and 1397ppm of zinc to whatever the oil may or may not already contain. **Part #86092 - 4oz Bottle of ZDDPlus & Paste**

Note: If exceeding 6500 rpm, high pressure springs and titanium retainers may be required. See spring and retainer specs or contact Crower for proper recommendations.

Your RPM range will vary depending on your Cylinder Head Air Flow Data & Cubic Inches.



Note: If heads have been extensively modified (machined spring pockets, longer valves, etc.) contact Crower for proper spring, keeper, cup and retainer recommendations. Have your keeper/seat measurement available.





215 300 340 V8

| Description (Note: See pages 6-7 for a detailed explanation of each Performance Level) | Part Number | C.I.D. Group | Grind | Lobe Sep. | Adve Dura Intake | | @. | ation 050" Exhaust | Gross 1.6 / Intake | 1.6 | Suitable Component Kit |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|--------|--------------|------------------------|---------------|------|--------------------------|--------------------------|-------|------------------------------|
| MILEAGE COMPU-PRO / Performance Level 1 Enhances throttle response and low end torque while delivering fuel efficient drivability. | 50227 | 300 | 256HDP | | 246° | 253° | 184° | 190° | | | 84058 |
| RPM Power Range: Idle to 3500 / Redline: 4500 plus | 50228 | 340 | 250HDP | 112° | 250° | 258° | 192° | 196° | .424" | .430" | 84058 |
| POWER COMPU-PRO / Performance Level 2 Perfect combination of power and mileage with extended rpm range. Strong low end and mid-range | 50229 | 300 | 258HDP | 112° | 258° | 260° | 196° | 202° | .430" | .446" | 84058 |
| power for spirited driving on or off the road. RPM Power Range: 1500 to 4000 / Redline: 5500 Plus. | 50230 | 340 | 260HDP | 112° | 260° | 266° | 202° | 210° | .446" | .451" | 84058 |
| HIGH PERFORMANCE COMPU-PRO / Performance Level 3 These cams offer extended rpm range with emphasis on upper bottom and top end power. | 50231 | 300 | 270HDP | 112° | 270° | 276° | 210° | 218° | .451" | .477" | 84058 |
| RPM Power Range: 1800 to 4500 / Redline: 6000 Plus. | 50232 | 340 | 276HDP | 112° | 276° | 281° | 214° | 218° | .488" | .490" | 84058 |
| ULTRA PERFORMANCE COMPU-PRO / Performance Level 4 There came whilit trong mid came and ten and terminal and have proven | 50233 | 300 | 280HDP | 112° | 280° | 286° | 220° | 226° | .488" | .501" | 84150 |
| These cams exhibit strong mid-range and top end torque and horsepower. RPM Power Range: 2000 to 6000 / Redline: 6500 Plus. | 50234 | 340 | 284HDP | 112° | 284° | 290° | 228° | 234° | .512" | .526" | 84150 |
| CUSTOM GROUND HYDRAULIC Special order hydraulic lifter camshaft ground to your specifications. Call our technical support staff for personalized camshaft assistance. | 00151H | ALL CID | Ref | er to | | crowe omme | | for co | amsha | ıft | |

Available for Land Rover, See Page 89

Note: These cams use .000" intake and exhaust valve lash.

Note: "MTO" denotes that this item is not usually stocked but is Made To Order in 2-3 days.

| Description (Note: See pages 6-7 for a detailed explanation of each Performance Level) COMPU-PRO / Performance Level 3 | Part Number 50303 | C.I.D. Group | Grind 282FDP | Lobe Sep. | Advert Durati Intake E 282° | ion | @ .0 Intake | Exhaust | Gross 1.6 / Intake .482" | 1.6 Exhaust | Suitable Component Kit 84350X980 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------|-----------------|--------------|--------------------------------------|------|----------------|---------|-----------------------------------|----------------|--------------------------------------------------|
| Strong mid to top end torque and horsepower. RPM Power Range: 2000 to 5500 / Redline: 7000 plus. | мто | | | | | | | | | | |
| COMPU-PRO / Performance Level 3 Strong mid-range and top end power. RPM Power Range: 2500 to 6000 / Redline: 7500 plus. | 50304 MTO | 340 | 292FDP | 108° | 292° | 298° | 246° | 250° | .502" | .514" | 84350X980 |
| COMPU-PRO / Performance Level 4 Tremendous upper mid to top end torque and horsepower. RPM Power Range: 3000 to 6500 / Redline: 7500 Plus. | 50305 MTO | 340 | 304FDP | 108° | 304° | 310° | 256° | 262° | .536" | .549" | 84350X980 |
| CUSTOM GROUND SOLID Special order solid lifter camshaft ground to your specifications. Call our technical support staff for personalized camshaft assistance. | 00151M | ALL CID | Ref | er to | www.ci | | r.com ndati | | msha | ft | |
| CUSTOM GROUND ROLLER Special order roller lifter camshaft ground to your specifications. Call our technical support staff for personalized camshaft assistance. | 00060 | ALL CID | Ref | er to | www.ci | | r.com ndati | | msha | ft | |

ENGINEERED COMPONENT KITS

Note: These cams use .022" intake, .024" exhaust valve lash.

| Part No. | Lifters | Springs | Retainers | Seals | Remarks |
|---------------------------|--------------|-----------|-----------|----------|-----------------------------|
| 84058 84350 84150X3 | 66050-16 | 68313 -16 | 87019-16 | 86072-16 | Hydraulic Lifter. |
| 84350 | 66900-16 | 68405-16 | 87021-16 | 86072-16 | Solid Lifter. |
| 84150X3 | 66050X3-16 | 68405 -16 | 87021-16 | 86072-16 | CamSaver Hydraulic Lifter. |
| 84350X980 | 66900X980-16 | 68405-16 | 87021-16 | 86072-16 | CoolFace Mechanical Lifter. |

Spring pressure:

68405-16 Seat: 1.700" @ 104 lbs / Nose: 1.200" @ 297 lbs / Coil bind: 0.980" (Machine work, use cutter 68983*).

* Machine work required, specify 3/8 pilot shaft when ordering.

Note: If exceeding 6500 rpm, high pressure springs and titanium retainers may be required. Contact Crower.

Valve timing events are available online at: www.crower.com

for all Flat Tappet Cams **ZDDPlus**[™] contains 42,700 ppm of phosphorus and 57,300 ppm of zinc. When a 4-ounce bottle

Crower Recommends ZDDPlus

of ZDDPlus™ is added to 5 quarts of oil, it is diluted 41:1, which contributes 1047 ppm of phosphorus and 1397ppm of zinc to whatever the oil may or may not already contain. Part #86092 - 4oz Bottle of ZDDPlus & Paste

Part numbers no longer listed may be available as custom grinds. Please contact Crower.

> Your RPM range will vary depending on your Cylinder Head Air Flow Data & Cubic Inches.



HYDRAULICELATTAPPET



1968-1980 BUICK 350 V8

| | | | | | | | | | | CIV 3 | 50 V 0 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|--------|--------------|------|-----------------------------|------|--------------------------|-------|-------|---------------------------------------|
| Description (Note: See pages 6-7 for a detailed explanation of each Performance Level) | Part Number | C.I.D. Group | Grind | Lobe Sep. | Dur | ertised ation Exhaust | @. | ation 050" Exhaust | 1.55 | | Suitab l e Component Kit |
| MILEAGE COMPU-PRO / Performance Level 1 Enhances throttle response. Low end torque and fuel efficiency. RPM Power Range: Idle to 3500 / Redline: 4500 plus | 50256 | 350 | 250HDP | 112° | 250° | 258° | 192° | 196° | .411" | .419" | 84058 |
| POWER COMPU-PRO / Performance Level 2 Power and mileage cam with extended rpm for spirited motoring. RPM Power Range: 1500 to 4000 / Redline: 5500 plus | 50257 | 350 | 260HDP | 112° | 260° | 266° | 202° | 210° | .434" | .436" | 84058 |
| HIGH PERFORMANCE COMPU-PRO / Performance Level 3 Strong upper bottom to top end power. RPM Power Range: 1800 to 4500 / Redline: 6000 Plus. | 50258 | 350 | 276HDP | 112° | 276° | 281° | 210° | 220° | .446" | .468" | 84150 84150X3 |
| ULTRA PERFORMANCE COMPU-PRO / Performance Level 4 Street/strip profile with superior upper bottom to top end torque. RPM Power Range: 2000 to 6000 / Redline: 6500 Plus. | 50259 мто | 350 | 284HDP | 112° | 284° | 290° | 226° | 234° | .499" | .508" | 84150 84150X3 |
| HI-DRAULIC HAULER / Performance Level 4 Rough idle. Strong mid to top end torque and horsepower. RPM Power Range: 2500 to 6000 / Redline: 6500 | 50260 мто | 350 | 296HDP | 108° | 296° | 302° | 228° | 242° | .485" | .512" | 84150 84150X3 |
| HI-DRAULIC HAULER / Performance Level 5 Rough idle. Explosive mid-range torque and horsepower. RPM Power Range: 3000 to 6500 / Redline: 6500 | 50261 | 350 | 304HDP | 108° | 304° | 312° | 240° | 246° | .516" | .544" | 84150 84150X3 |
| CUSTOM GROUND HYDRAULIC Special order hydraulic lifter camshaft ground to your specifications. Call our technical support staff for personalized camshaft assistance. | 00150H | ALL C I D | Ref | er to | | crowe omme | | | ımsha | ıft | - |

Note: These cams use .000" intake and exhaust valve lash.

MECHANICAL FLAT TAPPET

| Description (Note: See pages 6-7 for a detailed explanation of each Performance Level) | Part Number | C.I.D. Group | Grind | Lobe Sep. | Du | ertised ration Exhaust | @. | ration .050" Exhaust | 1.55 | ss Lift / 1.55 Exhaust | Suitable Component Kit |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|-----------------------------------------------------|--------------|------|------------------------------|------|----------------------------|-------|------------------------------|------------------------------|
| COMPU-PRO / Performance Level 5 Superior mid-range and top end torque. RPM Power Range: 3500 to 7500 / Redline: 7750 plus. | 50355 MTO | 350 | 304HDP | 108° | 304° | 310° | 256° | 262° | .519" | .532" | 84350 |
| CUSTOM GROUND SOLID Special order solid lifter camshaft ground to your specifications. Call our technical support staff for personalized camshaft assistance. | 00150M | ALL C I D | Refer to www.crower.com for camshaft recommendation | | | | | t | | | |

Note: These cams use .022" intake, .024" exhaust valve lash.

Note: "MTO" denotes that this item is not usually stocked but is **Made To Order** in 2-3 days.

ENGINEERED COMPONENT KITS

| Part No. | Lifters | Springs | Retainers | Seals | Remarks |
|-----------|--------------|-----------|-----------|----------|----------------------------|
| 84058 | 66050-16 | 68313 -16 | 87019-16 | 86072-16 | Hydraulic Lifter. |
| 84350 | 66900-16 | 68405-16 | 87021-16 | 86072-16 | Solid Lifter. |
| 84150X3 | 66050X3-16 | 68405 -16 | 87021-16 | 86072-16 | CamSaver Hydraulic Lifter. |
| 84350X980 | 66900X980-16 | 68405-16 | 87021-16 | 86072-16 | CoolFace Solid Lifter. |

Your RPM range will vary depending on your Cylinder Head Air Flow Data & Cubic Inches.

Note: If exceeding 6500 rpm, high pressure springs and titanium retainers may be required. Contact Crower.

Part numbers no longer listed may be available as custom grinds. Please contact Crower.

Crower Recommends ZDDPlus for all Flat Tappet Cams ZDDPlus™ contains 42,700 ppm of phosphorus and 57,300 ppm of zinc. When a 4-ounce bottle of ZDDPlus™ is added to 5 quarts of oil, it is diluted 41:1, which contributes 1047 ppm of phosphorus and 1397ppm of zinc to whatever the oil may or may not already contain. Part #86092 - 4oz Bottle of ZDDPlus & Paste

Spring pressure:

68405-16 Seat: 1.700" @ 104 lbs / Nose: 1.200" @ 297 lbs / Coil bind: 0.980" (Machine work, use cutter 68983*).

* Machine work required, specify 3/8 pilot shaft when ordering.

Valve timing events are available online at: www.crower.com

Note: "MTO" denotes that this item is not usually stocked but is Made To Order in 2-3 days.





HYDRAULIC FLATTAPPET

Non Roller 1967-1976 400 430 455 V8

| Description (Note: See pages 6-7 for a detailed explanation of each Performance Level) | Part Number | C.I.D. Group | Grind | Lobe Sep. | Dur | ertised ation Exhaust | @. | ation 050" Exhaust | 1.6 | s Lift / 1.6 Exhaust | Suitable Component Kit |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|--------|--------------|------|-----------------------------|------|--------------------------|-------|----------------------------|------------------------------|
| MILEAGE COMPU-PRO / Performance Level 1 Enhances throttle response and low end torque while delivering fuel efficient drivability. RPM Power Range: Idle to 3500 / Redline: 4000 Plus. | 52237 | 455 | 258HDP | 112° | 260° | 266° | 203° | 210° | .445" | .450" | 84054 Upgrade 84054X3 |
| POWER COMPU-PRO / Performance Level 2 Perfect combination of power and mileage with extended rpm range. Strong low end and mid-range power for spirited driving on or off the road. RPM Power Range: 1500 to 4000 / Redline: 5500 Plus. | 52239 | 455 | 276HDP | 112° | 276° | 281° | 212° | 216° | .475" | .487" | 84054 Upgrade 84054X3 |
| HIGH PERFORMANCE COMPU-PRO / Performance Level 3 Intended for the hot street application, these cams offer extended rpm range with emphasis on upper bottom and top end power. RPM Power Range: 1800 to 4500 / Redline: 5000 Plus. | 52240 | 455 | 280HDP | 112° | 280° | 286° | 222° | 228° | .488" | .498" | 84054 Upgrade 84054X3 |
| HIGH PERFORMANCE COMPU-PRO / Performance Level 3 Intended for the hot street application, these cams offer extended rpm range with emphasis on upper bottom and top end power. RPM Power Range: 1800 to 4500 / Redline: 6000 Plus. | 52241 | 455 | 284HDP | 112° | 284° | 290° | 230° | 236° | .514" | .525" | 84054 Upgrade 84054X3 |
| ULTRA PERFORMANCE COMPU-PRO / Performance Level 4 Dual purpose hot street/drag strip profile. These cams exhibit strong mid-range and top end torque and horsepower. RPM Power Range: 2000 to 5000 / Redline: 6500 Plus. | 52242 | 400 430 | 297HDP | 112° | 297° | 308° | 238° | 242° | .538" | .536" | 84054 Upgrade 84054X3 |
| HI-DRAULIC HAULER / Performance Level 4 Strong mid-range to top end power. RPM Power Range: 2750 to 6250 / Redline: 6500 Plus. | 52211 мто | 455 | 304HDP | 108° | 311° | 316° | 248° | 252° | .546" | .559" | 84054 84054X3 |
| CUSTOM GROUND HYDRAULIC Special order hydraulic lifter camshaft ground to your specifications. Call our technical support staff for personalized camshaft assistance. | 00152H | ALL CID | Ref | er to 1 | | crowe omme | | | ımsha | ıft | |

1957-66 Buick V8 364 401 425 (Nail Head) hydraulic & solid cams available. Call Crower

Note: These cams use .000" intake and exhaust valve lash.

ENGINEERED COMPONENT KITS

| Part No. | Lifters | Springs | Retainers | Remarks |
|----------|------------|----------|-----------|-----------------|
| 84054 | 66050-16 | 68143-16 | 87019-16 | |
| 84054X3 | 66050X3-16 | 68143-16 | 87019-16 | CamSaver Lifter |

Your RPM range will vary depending on your Cylinder Head Air Flow Data & Cubic Inches.

Spring pressure:

68143-16 Seat: 1.850" @ 92 lbs / Nose: 1.350" @ 300 lbs / Coil bind: 1.260" (Stock O.D., no machine work).

Note: When using high lift cams (over .480") or modified valve stem lengths, a longer pushrod is required to achieve proper lifter preload (.050" off snap-ring). Use checking pushrod to determine length and call with specs.

CAUTION! When using high lift cams pay close attention to retainer, oil seal and valve guide clearance at full lift (minimum .050").

Note: "MTO" denotes that this item is not usually stocked but is **Made To Order** in 2-3 days.

Crower Recommends ZDDPlus for all Flat Tappet Cams

ZDDPlus[™] contains 42,700 ppm of phosphorus and 57,300 ppm of zinc. When a 4-ounce bottle of ZDDPlus[™] is added to 5 quarts of oil, it is diluted 41:1, which contributes 1047 ppm of phosphorus and 1397ppm of zinc to whatever the oil may or may not already contain. Part #86092 - 4oz Bottle of ZDDPlus & Paste

Valve timing events are available online at: www.crower.com





MECHANICALFLATTAPPET



1967-1976 400 430 455 V8

| Description (Note: See pages 6-7 for a detailed explanation of each Performance Level) | Part Number | C.I.D. Group | Grind | Lobe Sep. | Dui | ertised ration Exhaust | @ | ration .050" Exhaust | | s Lift / 1.6 Exhaust | Suitable Component Kit |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|-----------------------------------------------------|--------------|------|------------------------------|------|----------------------------|-------|----------------------------|------------------------------|
| COMPU-PRO / Performance Level 3 High torque, all purpose profile. RPM Power Range: 2500 to 6000 / Redline: 6000 Plus. | 52310 MTO | ALL C I D | 282FDP | 108° | 282° | 287° | 238° | 242° | .482" | .488" | 84254 84254X980 |
| COMPU-PRO / Performance Level 4 Superior mid-range and top end torque. Rough Idle RPM Power Range: 3500 to 6500 / Redline: 6500 Plus. | 52312 MTO | ALL CID | 304FDP | 108° | 304° | 310° | 258° | 262° | .533" | .549" | 84254 84254X980 |
| CUSTOM GROUND SOLID Special order solid lifter camshaft ground to your specifications. Call our technical support staff for personalized camshaft assistance. | 00152M | ALL C I D | Refer to www.crower.com for camshaft recommendation | | | | | | ıft | | |

Note: These cams use .022" intake, .024" exhaust valve lash.

1957-66 Buick V8 364 401 425 (Nail Head) hydraulic & solid cams available. Call Crower

ENGINEERED COMPONENT KITS

| Part No. | Lifters | Springs | Retainers | Remarks |
|-----------|--------------|----------|-----------|------------------------|
| 84254 | 66900-16 | 68143-16 | 87019-16 | |
| 84254X980 | 66900X980-16 | 68143-16 | 87019-16 | CoolFace Lifter |

Spring pressure:

68143 Seat: 1.850" @ 92 lbs / Nose: 1.350" @ 300 lbs / Coil bind: 1.280" (Stock O.D., no machine work).

Note: If exceeding 6500 rpm, high pressure springs and titanium retainers may be required. See spring and retainer specs or contact Crower for proper recommendations.

CAUTION! When using high lift cams pay close attention to retainer, oil seal and valve guide clearance at full lift (minimum .050").

Valve timing events are available online at: www.crower.com

Part numbers no longer listed may be available as custom grinds. Please contact Crower.

Note: "MTO" denotes that this item is not usually stocked but is Made To Order in 2-3 days.

Note: Solid lifter camshafts require adjustable pushrods. See pushrods or contact Crower.

Crower Recommends ZDDPlus for all Flat Tappet Cams ZDDPlus[™] contains 42,700 ppm of phosphorus and 57,300 ppm of zinc. When a 4-ounce bottle of ZDDPlus[™] is added to 5 quarts of oil, it is diluted 41:1, which contributes 1047 ppm of phosphorus and 1397ppm of zinc to whatever the oil may or may not already contain. Part #86092 - 4oz Bottle of ZDDPlus & Paste

Your RPM range will vary depending on your Cylinder Head Air Flow Data & Cubic Inches.

