

(A) AUTOMOTIVE LUBRICANT ADDITIVE

1. FOUR STROKE ENGINE OIL ADDITIVE

S.R. NO.	PRODUCT CODE	MEETS API PERFORMANCE
1	TAP 3547T	SF,SG,SJ,SL,SM,SN, JASO MA/MA2
2	TAP 3547TS	SG,SJ,SL,SM,SN JASO MA/MA2/MB
3	TAP 355T	SF, SJ, SL, SM,SN



2. TWO STROKE ENGINE OIL ADDITIVE

S.R. NO.	PRODUCT CODE	MEETS API PERFORMANCE
1	TAP 6000	JASO FB,JASO FC
2	TAP 6003 (2T OUTBOARD MARINE)	NMMA TC-W2, TC-W3



3. PASSENGER CAR MOTOR OIL ADDITIVE (PCMO)

S.R. NO.	PRODUCT CODE	MEETS API PERFORMANCE
1	TAP 3547	SG/CD, SF/CF, SG/CF, SJ/CF, SL/CF-4, CH4
2	TAP 933	SG/CD, SJ/CF, SL/CF4, SM/SM/CF4
3	TAP 999	SC/CC, SF/CF, SJ/CF, SL/CF-4, SM/CH-4, SM/CI-4



4. HEAVY DUTY ENGINE OIL ADDITIVE (HDDO)

S.R. NO.	PRODUCT CODE	MEETS API PERFORMANCE
1	TAP 2121	SF/CC, SF/CD, SF/CF, SG/CD, SJ/CF, SG/CF-4, SL
2	TAP 8172	CF-4
3	TAP 8474	CF, CF-4, CH4, CI4, CI4 PLUS



5. MULTI GRADE ENGINE OIL ADDITIVE

SR. NO.	PRODUCT CODE	MEETS API PERFORMANCE
1	TAP 999M	SJ/CF, SG/CF-4, SL/CF-4 SM/CH-4, SN/CI-4
2	TAP 3757M	SM/CI-4
3	TAP 2121M	SF/CC, SF/CD, SF/CF, SG/CF, SJ/SL/CF**, SG/CF-4, SL/CF-4
4	TAP 997M	SJ/CF, SG/CF-4, SL/CF-4, SM/CH-4, SN/CI-4



6. CNG ENGINE OIL ADDITIVE

SR. NO.	PRODUCT CODE	MEETS API PERFORMANCE
1	TAP 999G	SF/CC, SF/CD, SF/CF, SG/CF, SJ/CF, SG/CF-4, SL/CF-4, CG4, CH4, CJ4



7. MARINE ENGINE OIL ADDITIVE

SR. NO.	PRODUCT CODE	MEETS API PERFORMANCE
1	TAP 963	CD, CF, CF4, CH, CH4, CI4



8. SYNTHETIC / SEMI SYNTHETIC ENGINE OIL ADDITIVE

SR. NO.	PRODUCT CODE	MEETS API PERFORMANCE
1	TAP 171	SL/CH4, SM/CI4, SN/CF, SN/CI4 PLUS
2	TAP 1201	SL/CH4, SM/CI4, SN/CF, SN/CI4 PLUS

9. UNIVERSAL TRACTOR TRANSMISSION OIL ADDITIVE (UTTO)

SR. NO.	PRODUCT CODE	DOSAGE /TREAT RATE%
1	TAP 6792	6 TO 7 %



10. SPECIAL ENGINE OIL ADDITIVE

SR. NO.	PRODUCT CODE	PRODUCT DESCRIPTION	MEETS API PERFORMANCE
1	TAP 1722	HIGH TBN ENGINE OIL ADDITIVE TBN 200	SC/CC, SC/CD, SE/CC, SE/CD, SF/CC, SF/CD SF/CF, SG/CF, SJ/CF4
2	TAP 999B	ENGINE OIL ADDITIVE	BS-6
3	TAP 999D	ENGINE OIL ADDITIVE FOR DIESEL GENERATOR	CF4, CH-4
4	TAP 333	RAILROAD ENGINE OIL ADDITIVE	CF, CF2 , CATERPILLAR 3600 LMOA GENERATION 5 , GE GENERATION 4 LONG LIFE
5	TAP 261	ENGINE OIL ADDITIVE CK-4	CI-4, CJ-4, CK-4

11. SPECIALITY PRODUCT

SR. NO.	PRODUCT CODE	PRODUCT DESCRIPTION	DOSAGE/TREAT RATE %
1	TAP 1512	FLUSHING OIL ADDITIVE (FOR BIKE/CAR/TRUCK/BOILER ETC)	30-50 ML PER 1 LTR.
2	TAP 9186	MULTIFUNCTIONAL FUEL ADDITIVE FOR PETROL/DIESEL ENGINE	1 ML PER 1 LTR.
3	TAP 9813	FRICTION MODIFIER	0.1 - 0.5
4	TAP 9813L	LUBRICITY IMPROVER	0.1 - 0.5
5	TAP 2000	MILEAGE BOOSTER FOR ENGINE OILS	0.1 - 0.5
6	TAP 111	DEHAZER (MOISTURE REMOVER)	0.1 - 0.4

12. GEAR OIL ADDITIVE

SR. NO.	PRODUCT CODE	PRODUCT DESCRIPTION	MEETS PERFORMANCE
1	TAP 3433	E. P. ADDITIVE FOR GEAR OIL HIGH SULFUR & HIGH WELD LOAD	GL 4/ GL 5/ GL 3/ GL 2/GL 1/ DIN 51517 PART III, US STEEL 224/ ISO 12925-1 CKC/CKD/ CINCINATI MILACRON THERMAL STABILITY TEST/ AGMA/ANSI 9005 E02
2	TAP 4133	E. P. ADDITIVE FOR GEAR OIL	II
3	TAP 254	E.P ADDITIVE FOR GEAR OIL (NO SMELL)	II
4	TAP 2133	E. P. ADDITIVE FOR GEAR OIL	II

13. AUTOMATIC TRANSMISSION FLUID ADDITIVE (ATF)

SR. NO.	PRODUCT CODE	MEETS PERFORMANCE
1	TAP 401	DEXRON II/IIID-H, FORD MERCON, ALLISON C 4, CATERPILLAR TO 2, FZG, DEX IV
2	TAP 401A	DEXRON II/IIID-H, FORD MERCON, ALLISON C 4, CATERPILLAR TO 2, FZG, DEX IV, DEX VI
3	TAP 345	CVT



14. HYDRAULIC OIL ADDITIVE

SR. NO.	PRODUCT CODE	MEETS PERFORMANCE
1	TAP 8640	DENISON HF0, HF 1, HF 2, CINCINNATI MILACRON, US STEEL 127, 136 & DIN 51524 PART II, VICKERS VANE PUMP SPECIFICATIONS, AW/HLP
2	TAP 8640A	DENISON HF0, HF 1, HF 2, CINCINNATI MILACRON, US STEEL 127, 136 & DIN 51524 PART II, VICKERS VANE PUMP SPECIFICATIONS, AW/HLP



(B) COOLANT ADDITIVE

SR. NO.	PRODUCT CODE	PRODUCT DESCRIPTION
1	TAP 3333	CORROSION INHIBITOR FOR ANTIFREEZE COOLANT
2	TAP 330T	COOLANT THICKENER



(C) PERFUME

SR. NO.	PRODUCT CODE	PRODUCT DESCRIPTION
1	TAP EOP	ENGINE OIL PERFUME
2	TAP POP	PREMIUM OIL PERFUME

(D) VISCOSITY INDEX IMPROVER (LIQUID BASE) (VISCOSITY @100°C-1400-2200 CST)

SR. NO.	PRODUCT CODE	PRODUCT DESCRIPTION
1	TAP 403Y	OCP VISCOSITY INDEX IMPROVER YELLOW 37-40 SSI
2	TAP 403W	OCP VISCOSITY INDEX IMPROVER WHITE 37-40 SSI
3	TAP 504	PREMIUM OCP VISCOSITY INDEX IMPROVER YELLOW 25-28 SSI
4	TAP 522	PREMIUM OCP VISCOSITY INDEX IMPROVER WHITE 25-28 SSI
5	TAP 461Y	OCP VISCOSITY INDEX IMPROVER YELLOW (45 SSI)
6	TAP 471Y	OCP VISCOSITY INDEX IMPROVER YELLOW (45 SSI)
7	TAP 451W	OCP VISCOSITY INDEX IMPROVER WHITE
8	TAP 403M	PMA VISCOSITY INDEX IMPROVER (15-20 SSI)
9	TAP 9-100M	LOW SSI PMA VISCOSITY INDEX IMPROVER (10 SSI)
10	TAP 9-200	LOW SSI VISCOSITY INDEX IMPROVER (5 - 10SSI)



(E) POLYMER

SR. NO.	PRODUCT CODE	PRODUCT DESCRIPTION
1	SUMITOMO 141	SSI 37 TO 40
2	SUMITOMO 132	SSI 25 TO 28
3	SUMITOMO 111	SSI 30 TO 32
4	NORDEL 3745	SSI 45 TO 50
5	TAP P7141	SSI 40 TO 45
6	TAP P161	SSI 45 TO 50
7	TAP P171	SSI 45
8	TAP P191	SSI 45



(F) DYES

SR. NO.	PRODUCT CODE	PRODUCT DESCRIPTION
1	TAP RED DYE	RED DYE LIQUID
2	TAP GREEN DYE	GREEN DYE LIQUID
3	TAP BLUE DYE	BLUE DYE LIQUID
4	TAP ORANGE DYE	ORANGE DYE LIQUID
5	TAP FLUORO GREEN	FLUORO GREEN DYE LIQUID
6	TAP GOLDEN DYE	GOLDEN DYE LIQUID
7	TAP BROWN DYE	BROWN DYE LIQUID
8	TAP COOLANT GREEN DYE	LIQUID (WATER BASE)



(G) GREASE ADDITIVE

SR. NO.	PRODUCT CODE	PRODUCT DESCRIPTION
1	TAP 794B	E.P. ADDITIVE FOR GREASE
2	TAP 363N	ANTIOXIDANT FOR GREASE
3	TAP 210	ORGANOCLAY FOR GREASE
4	TAP 567	DROP POINT IMPROVER
5	TAP 958G	RUST INHIBITOR & CORROSION INHIBITOR



(H) ADDITIVE COMPONENTS

SR. NO.	PRODUCT CODE	PRODUCT DESCRIPTION
1	TAP 6565	POUR POINT DEPRESSANT
2	TAP 5931	ANTIWEAR ADDITIVE (ZDDP)
3	TAP 4734	ANTIOXIDANT PHENOLIC
4	TAP 363	ANTIOXIDANT AMINIC
5	TAP 334	CALCIUM PETROLEUM SULFONATE 30TBN
6	TAP 4500RP	SODIUM PETROLEUM SULPHONATE (HIGH MOL WT)
7	TAP 4500	SODIUM PETROLEUM SULPHONATE FOR EMULSIFIER
8	TAP 4554	BARIUM PETROLEUM SULFONATE
9	TAP 3300C	CALCIUM PETROSULFONATE 300 TBN TBN BOOSTER 300
10	TAP 3400C	CALCIUM PETROSULFONATE 400TBN TBN BOOSTER 400
11	TAP 3300M	MAGNESIUM PETROSULFONATE 300TBN TBN BOOSTER 300
12	TAP 3400M	MAGNESIUM PETROSULFONATE 400TBN TBN BOOSTER 400
13	TAP 5121	TACKIFIER (ANTISPLASHING AGENT)
14	TAP 950	POLYISOBUTYLENE (PIB)-950 MOL WT.
15	TAP 2400	POLYISOBUTYLENE (PIB)-2400 MOL WT.
16	TAP 900	SULFURIZED ISOBUTYLENE (SULFUR%- 40.0-46.0)
17	TAP 1011	SULFURIZED ESTER(SKO)
18	TAP 990	POLYISOBUTYLENE SUCCINIC ANHYDRIDE PIBSA
19	TAP 801	POLYISOBUTYLENE SUCCINAMIDE (PIBSI)



SR. NO.	PRODUCT CODE	PRODUCT DESCRIPTION
20	TAP 9810	DISPERSANT ADDITIVE (NITROGEN- 4 - 5%)
21	TAP 1100M	DISPERSANT FOR LUBRICATING OILS (HIGH NITROGEN 3-4.0 5.0%)
22	TAP 8890	ASHLESS DEFOAMER
23	TAP 8890W	WATER SOLUBLE DEFOAMER
24	TAP 200	SILICON DEFOAMER



(I) INDUSTRIAL ADDITIVES

SR. NO.	PRODUCT CODE	PRODUCT DESCRIPTION
1	TAP 563L	SOLUBLE CUTTING OIL EMULSIFIER
2	TAP 563	PREMIUM SOLUBLE CUTTING OILS EMULSIFIER
3	TAP 563N	CONING OIL EMULSIFIER / ANTISTATIC
4	TAP 1810	KNITTING OIL EMULSIFIER
5	TAP 563WB	WOOL BATCHING OIL EMULSIFIER
6	TAP 1810NW	NONWASHABLE KNITTING OIL ADDITIVE
7	TAP 5052	NEAT/STRAIGHT CUTTING OIL ADDITIVE
8	TAP 5054	NEAT/STRAIGHT CUTTING OIL ADDITIVE CHLORINE FREE
9	TAP 5055	MULTI METAL NEAT CUTTING ADDITIVE
10	TAP 505E	NEAT CUTTING OIL ADDITIVE
11	TAP 563A	CORROSION INHIBITOR FOR EMULSIFIER
12	TAP 8641	SPINDLE OIL ADDITIVE



SR. NO.	PRODUCTCODE	PRODUCT DESCRIPTION
13	TAP 8643	SHOCKABSORBER OIL ADDITIVE(FORK)
14	TAP 5049	HEAT TRANSFER/THERMIC OIL ADDITIVE
15	TAP 75	COMPRESSOR OIL ADDITIVES
16	TAP 5718	TURBINE OIL ADDITIVES
17	TAP 5049Q	QUENCHING OIL ADDITIVE
18	TAP 8642	PNEUMATIC ROCK DRILL OIL ADDITIVE
19	TAP 5211	RUST & OXIDATION INHIBITOR TYPE OIL ADDITIVE PACKAGE (HIGH NITROGEN 4.2%-4.5%)
20	TAP 958	RUST & CORROSION INHIBITOR FOR INDUSTRIAL OILS
21	TAP 4545D	RUST PREVENTIVE OIL ADDITIVE DARK COLOR (SEMISOLID)
22	TAP 4545L	RUST PREVENTIVE OIL ADDITIVE LIGHT COLOR (SEMISOLID)
23	TAP 2508	RUST PREVENTIVE OIL ADDITIVE (LIQUID FORM)
24	TAP 4390	METAL DEACTIVATOR
25	TAP 205	VACUUM OIL ADDITIVE
26	TAP 8610S	SLIDEWAY OIL ADDITIVE
27	TAP 2286F	MULTIFUNCTIONAL FUEL ADDITIVE - LDO/FO
28	TAP 1450	PIPELINE RUST & CORROSION INHIBITOR
29	TAP 5052W	WIRE DRAWING OIL ADDITIVE
30	TAP 860	METAL DEACTIVATOR (PREMIUM)

