

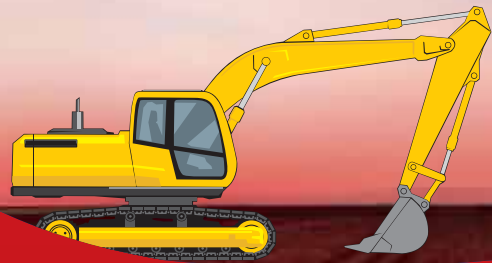


FUELING YOUR GROWTH



**Lubrication Solutions for Mining,
Construction & Infrastructure**





EXCAVATORS

	Model	Engine Oil	Hydraulic Oil	Gear Oil	Grease
Tata Hitachi	All Models	Rubia TIR 7400 15W40	Equivis HE 46 or Equivis ZS 46	Transtec SAE 80W90	Multis EP2 and Ceran XM 220
Hyundai	All Models	Rubia TIR 7400 15W40	Azolla ZS 68 Equivis ZS 68	EPB 85W90 Transmission Axle 7 85W90	Multis EP2
JCB	All Models	Rubia TIR 7800 15W40 Rubia TIR 7400 15W40	Equivis ZS 46 Equivis ZS 68	EPB 85W90 Transmission Axle 7 85W90	Multis EP2 and Ceran XM 220
L&T Komatsu/ Komatsu	PC Series	Rubia TIR 7400 15W40 Rubia Works 1000 15W40	Dynatrans AC 10W	Dynatrans AC 30	Multis EP2
Volvo	All Models	Rubia TIR 7400 15W40 Rubia TIR 7900 15W40	Equivis ZS 68	EPB 85W90 Transmission Axle 7 85W90	Multis EP2 and Ceran XM 220
Caterpillar	All Models	Rubia TIR 7400 15W40 Rubia Works 1000 15W40	Dynatrans AC 10W	Transtec 4 SAE 90	Lical MS 2/Multis Complex HV2 Moly
Leeboy	All Models	Rubia TIR 7800 15W40	Equivis ZS 46	Transtec 4 SAE 90	Multis EP2 and Ceran XM 220
Liebherr	All Models	Rubia TIR 7400 15W40	Rubia 2500 20W40	EPB 85W90 Transmission Axle 7 85W90	Multis EP2
BEML	All Models	Rubia TIR 7400 15W40	Dynatrans AC 10W	Dynatrans AC 30	Multis EP2
Others	All Models	Rubia TIR 7400 15W40	Equivis ZS 68	Transtec 4 SAE 90	Multis EP2

* Cummins, Isuzu, MHI, Kubot Engines ** Indigenous



BACKHOE LOADERS

	Model	Engine Oil	Hydraulic Oil	Transmission Oil	Axle Oil	Grease
JCB	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Dynatrans SF 3l	EPB 85W90 Transmission Axle 7 85W90	Multis EP2
Case	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Azolla ZS 68	Dynatrans MPV	Multis EP2
			Dynatrans SF 3l	Dynatrans SF 3l	Dynatrans MPV	Multis EP2
Caterpillar	All Models	Rubia TIR 7400 15W40	Dynatrans AC 10W	Dynatrans AC 30	Dynatrans AC 30	LICAL MS 2 Multis Complex HV2 Moly
Mahindra Earthmaster	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Dynatrans AC 30	Dynatrans AC 30	Multis EP2 and Ceran XM 220
Terex	All Models	Rubia TIR 7400 15W40	Azolla ZS 46	Auto-Trans Fluid D III	Dynatrans MPV	Multis EP2
Tata Hitachi	All Models	Rubia TIR 7400 15W40	Dynatrans SF 3l	Dynatrans SF 3l	Dynatrans SF 3l	Multis EP2
BEML	All Models	Rubia TIR 7400 15W40	Dynatrans AC 10W	Dynatrans AC 30	Dynatrans MPV	LICAL MS 2 Multis Complex HV2 Moly
Others	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Azolla ZS 68	Dynatrans MPV	Multis EP2



REACH STACKER

	Engine Oil	Hydraulic Oil	Gear Oil	Grease
KALMAR	Rubia TIR 7400 15W40	Azolla ZS 68	Transec 4 SAE 90	Multis EP2
TIL	Rubia TIR 7400 15W40	Azolla ZS 68	Transec 4 SAE 90	Multis EP2



LOADERS

	Model	Engine Oil	Hydraulic Oil	Transmission Oil	Axle Oil	Grease
JCB	All Models	Rubia TIR 7400 15W40	Azolla ZS 46 Equivis ZS 46	ATF DIII	EPB 85W90 / Transmission Axle 7 85W90	Multis EP 2
Caterpillar	All Models	Rubia TIR 7400 15W40 Rubia Works 1000 15W40	Dynatrans AC 10W	Dynatrans AC 30	Dynatrans AC 50	LICAL MS2 Multis Complex HV2 Moly
Tata Hitachi	All Models	Rubia TIR 7400 15W40 Rubia Works 1000 15W40	Equivis HE 46 or Equivis ZS 46	Transmission Axle 7 85W90	Dynatrans DA	Multis EP2 and Ceran XM 220
Volvo	All Models	Rubia TIR 7400 15W40	Equivis ZS 46	Dynatrans AC 30	Transtec 5 85W140	Multis EP 2
Liebherr	All Models	Rubia TIR 8600 10W40 Rubia TIR 7400 15W40	Azolla ZS 46 Equivis ZS 46	Transmission Axle 7 85W90	EPB 85W90 / Transmission Axle 7 85W90	Multis EP 2
Luigong	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Rubia TIR 7400 15W40	Dynatrans DA Range / Tractelf BLS 90	Multis MS 2
Schwing Stetter	All Models	Rubia TIR 7900 15W40 Rubia TIR 7400 15W40	Azolla ZS 46	Rubia TIR 7400 15W40	EPB 85W90 / Transmission Axle 7 85W90	Multis EP2 and Ceran XM 220
SDLG	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Rubia TIR 7400 15W40	Transtec 5 SAE 85W140	Multis EP2 and Ceran XM 220
BEML	All Models	Rubia TIR 7400 15W40	Dynatrans AC 10W	Dynatrans AC 30	Dynatrans MPV	Multis EP 2
Others		RUBIA TIR 7400 15W40	Azolla ZS 68	Dynatrans AC 30	Dynatrans MPV	Multis EP 2

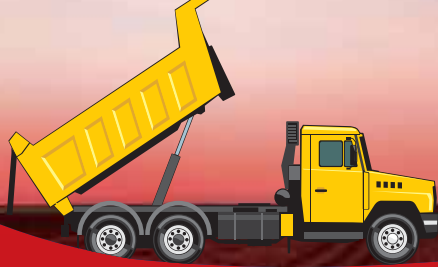
** Indigenous



GRABBING MACHINE

	Engine Oil	Hydraulic Oil	Gear Oil	Grease
All	Rubia TIR 7400 15W40	Azolla ZS 46	Transtec 4 SAE 90	Multis EP 2

DUMPERS



	Model	Engine Oil	Hydraulic Oil	Transmission Oil	Axle Oil	Grease
BEML	All Models	Rubia TIR 7400 15W40	Dynatrans AC 10W	Dynatrans AC 30	Dynatrans AC 50	Multis EP 2
Caterpillar / HM	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Dynatrans AC 30	Dynatrans AC 50	Multis EP 2
Volvo	All Models	Rubia TIR 7400 15W40 Rubia TIR 7900 15W40	Azolla ZS 68	Dynatrans AC 30	Transtec 5 85W140	Multis EP 2
Komatsu	All Models	Rubia TIR 7400 15W40 Rubia Works 1000 15W40	Dynatrans AC 10W Azolla ZS 46	Dynatrans AC 30	Dynatrans AC 50	Multis EP 2
Euclid	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Dynatrans AC 30	Transtec 5 85W140	Multis EP 2
Terex	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Dynatrans AC 30	Transtec 5 85W140	Multis EP 2

BATCHING PLANT



	Model	Grease
Schwing	All Models	Multi EP 00/Multis EP 2
CIFA	All Models	Multi EP 00/Multis EP 2



TIPPER

	Model	Engine Oil	Hydraulic Oil	Transmission Oil	Axle Oil	Grease	Gear Oil	Steering Oil	Coolant
TATRA	All Models	Rubia TIR 7400 15W40	Dynatrans AC 10W	EPB 85W90 / Transmission Axle 7 85W90	EPB 85W90 / Transmission Axle 7 85W90	Multi EP2			
TATA	All Models	Rubia TIR 7400 15W40 Rubia TIR 7800 15W40	Azolla ZS 68	Transec 80W90	Transec 5 85W140	Multi EP2			
Ashok Leyland	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Transec 4 SAE 90	Transec 4 SAE 90	Multi EP2			
Eicher Motors	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Transec 80W90	Transec 5 85W140	Multis XL3+	Transec 80W90	ATF DIII	
Bhart Benz	All Models	Rubia TIR 8600 10W40	Acantis HM 46		EP 80W85 EP B 85W90	Multis XL3+	Transmission gear 9 FE 75W90	ATF DIII	Coolleif Auto Supra-37 DC
MAN	All Models	Rubia TIR 7400 15W40 (MAN 3275) Rubia TIR 8600 10W40 (MAN 3277)	Azolla ZS 68	Transec 80W90	Transmission dual 8 FE 80W90 (ZF) Transec 80W90	Multis XL3+	Azolla ZS 68	ATF DIII	
Volvo	All Models	Rubia TIR 7900 15W40 Rubia TIR 7400 15W40	Azolla ZS 68		Transmission SYN FE 75W90	Multi EP2	Transec 5 80W90 (Long Drain-HPLD)	Autotrans Fluid DIII	Coolleif Auto Supra -37
Others	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Transec 80W90	Transec 5 85W140	Multi EP2	Transgear 9V FE 75W90		



SURFACE MINER

	Engine Oil	Hydraulic Oil	Gear Oil	Grease
Wirtgen	Rubia TIR 7400 15W40	Equivis ZS 68	Carter SY 220 & Carter SY 460	Ceran XM



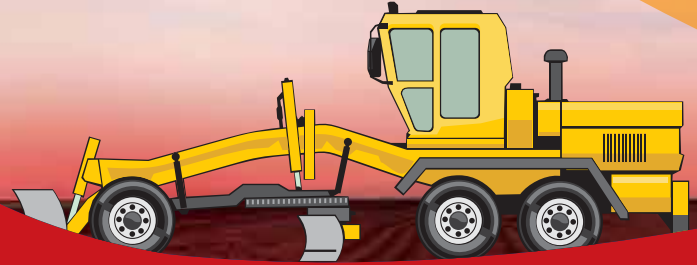
DOZER

	Model	Engine Oil	Hydraulic Oil	Transmission Oil	Axle Oil	Grease
Caterpillar	All Models	Rubia TIR 7800 15W40 Rubia Works 1000 15W40	Dynatrans AC 10W	Dynatrans AC 30	Dynatrans AC 50	Multis EP2
BEML	All Models	Rubia TIR 7800 15W40	Dynatrans AC 10W	Dynatrans AC 30	Dynatrans AC 30	
Komatsu	All Models	Rubia Works 1000 15W40 Rubia TIR 7400 15W40	Dynatrans AC 10W	Dynatrans AC 30	Dynatrans AC 30	Multis EP2
Others	All Models	Rubia TIR 7400 15W40 Rubia TIR 7800 15W40	Azolla ZS 68	Dynatrans AC 30	Dynatrans AC 50	Multis EP2



COMPACTOR

	Model	Engine Oil	Hydraulic Oil	Gear Oil	Grease
Escorts	All Models	Rubia TIR 7400 15W40	Azolla ZS 100	Transtec 4 SAE 90	Multis EP2
Case	All Models	Super HDB ULTRA 20W40 Rubia TIR 7400 15W40	Dynatrans SF 31	Dynatrans MPV	Multis EP2
Volvo	All Models	Rubia TIR 7400 15W40	Azolla ZS 46	Transtec 80W90	Multis EP2
Greaves	All Models	Rubia TIR 7400 15W40	Azolla ZS 46	Transtec 80W90	Multis EP2
Dynapac	All Models	Rubia TIR 7400 15W40	Azolla ZS 46	Transtec 80W90	Multis EP2
Others	All Models	Rubia TIR 7400 15W40	Transtec 80W90	Transtec 80W90	Multis EP2



GRADER

	Model	Engine Oil	Hydraulic Oil	Transmission Oil	Tandem Drive Oil	Grease
Caterpillar	All Models	Rubia TIR 7400 15W40 Rubia Works 1000 15W40	Dynatrans AC 10W	Dynatrans AC 30	Dynatrans AC 50	LICAL MS2/Multis Complex HV Moly
Komastu	All Models	Rubia TIR 7400 15W40 Rubia Works 1000 15W40	Dynatrans AC 10W	Dynatrans AC 30	Dynatrans AC 30	Multis EP2
Volvo	All Models	Rubia TIR 7400 15W40 Rubia TIR 7900 15W40	Equivis ZS 68	Dynatrans AC 30	Dynatrans SF 3l	Multis EP2
BEML	All Models	Rubia TIR 7400 15W40	Dynatrans AC 10W	Dynatrans AC 30	Dynatrans SF 3l	
Sany	All Models	Rubia TIR 7400 15W40	Equivis ZS 68	Dynatrans AC 30	Dynatrans SF 3l	Multis EP2
Leeboy	All Models	Rubia TIR 7800 15W40 Rubia TIR 7400 15W40	Equivis ZS 68	Dynatrans MPV	Transtec 4 SAE 80W90	Multis EP2 and Ceran XM 220
Champions	All Models	Rubia TIR 7400 15W40	Equivis ZS 68	Dynatrans AC 30	Dynatrans SF 3l	Multis EP2
Others	All Models	Rubia TIR 7400 15W40	Equivis ZS 68	Dynatrans AC 30	Dynatrans SF 3l	Multis EP2



FORK LIFTS

	Engine Oil	Hydraulic Oil	Gear Oil	Grease
TIL	Rubia TIR 7400 15W40	Azolla ZS 68	Transtec 4 SAE 90	Multis EP2
Godrej	Rubia TIR 7400 15W40	Azolla ZS 68	Transtec 4 SAE 90	Multis EP2
Voltas	Rubia TIR 7400 15W40	Azolla ZS 68	Transtec 4 SAE 90	Multis EP2



PAVERS

	Model	Engine Oil	Hydraulic Oil	Gear Oil	Grease
Apollo	All Models	Rubia TIR 7400 15W40	Azolla ZS 100	Transtec 80W90	Multis EP2
Vogele	All Models	Rubia TIR 7400 15W40	Azolla AF 46	EPB 85W90 / Transmission Axle 7 85W90	Ceran XM 220/Multis Complex EP 2 HIPER SSG 1
Writgen	All Models	Rubia TIR 7400 15W40	Azolla AF 68	EPB 85W90 / Transmission Axle 7 85W90	Ceran XM 220/Multis Complex EP 2 HIPER SSG 1
Betelli	All Models	Rubia TIR 7400 15W40	Equivis ZS 46	Transtec 80W90	Caloris MS 23 HIPER SSG 1
Titan	All Models	Rubia TIR 7400 15W40	Rubia TIR 7400 15W40	Transtec 80W90	Caloris MS 23 HIPER SSG 1
Others	All Models	Rubia TIR 7400 15W40	Equivis ZS 46	Transtec 80W90	Ceran MM



COMPRESSORS

	Model	Compressor Oil
Doosan	All Models	Dacnis LD 68
Atlas Copco	All Models	Dacnis LD 68
IR	All Models	Dacnis LD 68
Elgi	All Models	Dacnis LD 68



CRANES

	Model	Engine Oil	Hydraulic Oil	Transmission Oil	Gear Oil	Grease
TIL (Groves)	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Dynatrans AC 30	Transtec 4 SAE 90	Multis EP2
Escorts (ECEL)	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Transtec 4 SAE 90		Multis EP2
ACE	All Models	Rubia TIR 7400 15W40	Azolla ZS 68	Transtec 4 SAE 90		Multis EP2
TATA P&H	All Models	Rubia TIR 7400 15W40	Not applicable	Transtec 4 SAE 90		Multis EP2
Liebherr	All Models	Rubia TIR 7400 15W40	Azolla ZS 46	Dynatrans AC 30	EPB 85W90 Transmission Axle 7 85W90	Ceran MM



CONCRETE PUMPS

	Model	Engine Oil	Hydraulic Oil	Grease
Schwing Stetter	All Models	Rubia TIR 7400 15W40 Super HDB ULTRA 20W40	Azolla ZS 68 / Azolla AF 68	Transtec 4 SAE 90
Putzmeister/Sany	All Models	Rubia TIR 7400 15W40 Super HDB ULTRA 20W40	Azolla ZS 68 / Azolla AF 68	Transtec 4 SAE 90
Greaves Cotton	All Models	Rubia TIR 7400 15W40 Super HDB ULTRA 20W40	Azolla ZS 68 / Azolla AF 68	Transtec 4 SAE 90
Aquarius	All Models	Rubia TIR 7400 15W40 Super HDB ULTRA 20W40	Azolla ZS 68 / Azolla AF 68	Transtec 4 SAE 90



TRUCKS

	Model	Engine Oil	Gear Oil	Axle Oil	Grease	Steering Oil
TATA	All Models	Rubia TIR 7800 15W40 Rubia TIR 7400 15W40	Transtec 80W90	Transtec 5 85W140	Multis XL3	Auto-Trans Fluid DIII
Ashok Leyland	All Models	Rubia TIR 7800 15W40 Rubia TIR 7400 15W40	Transtec 4 SAE 90	Transtec 5 85W140	Multis XL3	Auto-Trans Fluid DIII
Volvo Eicher	All Models	Rubia TIR 7900 15W40 Rubia TIR 7400 15W40	Transtec 80W90	Transtec 5 85W140	Multis EP 2	Auto-Trans Fluid DIII
Bharat Benz	All Models	Rubia TIR 8600 10W40	Transmission gear 9 FE 75W90	EP B 85W90	Multis XL3+	Auto-Trans Fluid DIII
MAN	All Models	Rubia TIR 7400 15W40 (MAN 3275) Rubia TIR 8600 10W40 (MAN 3277)	Transmission dual 8 FE 80W90 (ZF) Transtec 80W90 (Eaton)	Transmission axle 7 85W90 (MAN) MTF 85W140 (Meritor)	Multis XL3+	Elfmatic G3



TRANSIT MIXER

	Model	Engine Oil	Hydraulic Oil	Grease
Schwing	All Models	Rubia TIR 7400 15W40	Equivis ZS 68	Multis EP2
Greaves	All Models	Rubia TIR 7400 15W40	Equivis ZS 68	Multis EP2
Sany	All Models	Rubia TIR 7400 15W40	Equivis ZS 68	Multis EP2
CIFA	All Models	Rubia TIR 7400 15W40	Equivis ZS 68	Multis EP2



CRUSHERS

	Model	Hydraulic Oil	Gear Oil	Grease
Metso	All Models	Azolla ZS 68 / Equivis ZS 68	Carter EP & Carter SH Range (VG - 150, 220, 320, 460 & 680)	Multis EP 2, Ceran XM 220, Ceran XM 460, Copal OGL (Open Gears)
Sandvik	All Models	Azolla ZS 68 / Equivis ZS 68	Carter EP & Carter SH Range (VG - 150, 220, 320, 460 & 680)	Multis EP 2, Ceran XM 220, Ceran XM 460, Copal OGL (Open Gears)
Terex	All Models	Azolla ZS 68 / Equivis ZS 68	Carter EP & Carter SH Range (VG - 150, 220, 320, 460 & 680)	Multis EP 2, Ceran XM 220, Ceran XM 460, Copal OGL (Open Gears)
Puzzolana	All Models	Azolla ZS 68 / Equivis ZS 68	Carter EP 320 & Transtec 4 80W90	Multis EP 2
Proman	All Models	Azolla ZS 68 / Equivis ZS 68	Carter EP & Carter SH Range (VG - 150, 220, 320, 460 & 680)	Multis EP 2, Ceran XM 220, Ceran XM 460



HOT MIX PLANT

	Model	Grease	Thermic Fluid
Speed Craft Ltd.	All Models	Caloris MS 23 / Multis EP 2 HIPER SSG 1	NA
Apollo Equipment	All Models	Caloris MS 23 / Multis EP 2 HIPER SSG 1	NA
Lintec	All Models	Caloris MS 23 / Multis EP 2 / Copal OGL 0 HIPER SSG 1	Seriola 1510 or Seriola IL 1120
Astec	All Models	Caloris MS 23 / Multis EP 2 / Copal OGL 0 HIPER SSG 1	Seriola 1510 or Seriola IL 1120



GENERATORS

	Model	Engine Oil
Kirloskar	All Models	Rubia TIR 7400 15W40
Cummins	All Models	Rubia TIR 7400 15W40
Greaves	All Models	Rubia TIR 7400 15W40
Caterpillar	All Models	Rubia TIR 7400 15W40
Mahindra	All Models	Rubia TIR 7400 15W40
Ashok Leyland	All Models	Rubia TIR 7400 15W40



DRILLING MACHINE

	Model	Engine Oil	Drill Oil	Grease
RECP	All Models	Rubia TIR 7400 15W40	Pneuma 100	Multis EP2
ATLAS COPCO	All Models	Rubia TIR 7400 15W40	Pneuma 100	Multis EP2
IR	All Models	Rubia TIR 7400 15W40	Pneuma 100	Multis EP2

A Major Player

With our production, supply chain and commercial presence in more than 150 countries, we deliver a full range of lubricants.

References & OEMs

TOTAL Lubricants co-operates with equipment manufacturers to create high-technology products for optimal performance and production of your machinery.

Support and Partnership

Thanks to local technical presence, we provide a high level of service to optimize your Total cost of Ownership.

5 GOOD REASONS FOR CHOOSING TOTAL

Innovation & Research

TOTAL invests in biotechnologies to find the most suitable components to reach energy efficiency through formulations designed in our Research centers.

Quality and Environment

TOTAL Lubricants ISO 9001 certification is the guarantee of a long term commitment to quality. From the initial design stage, our R&D teams seek to develop products that minimize toxicity risk and environmental impact.

