

TABELA DE EQUIVALÊNCIA ENTRE LUBRIFICANTES

NORMAS	ATLANTIC	CASTROL	ESSO	IPIRANGA	MOBIL	PETROBRAS	SHELL	TEXACO
HL 10	IDEAL AW 22	HYSPIN AWS	*****	IPIFUS 10	DTE 21	CL-OF 10	MORLINA 10	RANDO HD 10
HL 32	EUREKA 32	HYSPIN WA32	TERESSO 32	IPIFUS 32	HIDRAUL. H 32	CL-OF 32	*****	RANDO HD 32
	IDEAL 32	HYSPIN VG32	TURBINA 32	IPITEX 32	*****	CP-AC 32	*****	*****
	IDEAL AW 32	*****	*****	IPITUR AW 32	*****	*****	*****	*****
HL 46	EUREKA 46	HYSPIN VG46	TERESSO 46	*****	HIDRAUL. HM46	CL-OF 46	*****	RANDO HD 46
	IDEAL 46	*****	TURBINA 46	IPITUR AW 46	*****	CO-AC 46	*****	*****
	IDEAL AW 46	*****	*****	*****	*****	*****	*****	*****
HL 68	EUREKA 68	HYSPIN AW68	ESSTIC 68	IPITUR AW 68	HIDRAUL. L 68	CL-OF 68	HS 68	RANDO HD 68
	IDEAL 68	HYSPIN VG68	TERESSO 68	*****	*****	CP -AC 68	*****	*****
	IDEAL AW 68	*****	TURBINA 68	*****	*****	*****	*****	*****
HL 100	EUREKA 100	HYSPIN AW100	*****	IPITUR AW 100	HIDRAUL. M 100	CL-OF 100	HS 100	*****
	IDEAL 100	HYSPIN VG100	TURBINA 100	*****	*****	CP-AC 100	*****	*****
	IDEAL AW100	*****	*****	*****	*****	*****	*****	*****
HL 150	EUREKA 150	HYSPIN AW150	ESSTIC 150	IPITUR AW 150	DTE EH 150	CL-OF 150	MORLINA 150	RANDO HD 150
	IDEAL 150	HYSPIN VG150	TERESSO 150	*****	*****	CP-AC 150	*****	*****
	IDEAL AW150	*****	TURBINA 150	*****	*****	*****	*****	*****
HL 220	EUREKA 220	*****	*****	IPITUR AW220	DTE BB 220	CL-OF 220	MORLINA 220	RANDO HD 220
	IDEAL 220	HYSPINAW220	TERESSO 220	IPITEX 220	*****	CP-AC 220	*****	*****
	IDEAL AW220	*****	TURBINA 220	*****	*****	*****	*****	*****
HL 320	*****	*****	TERESSO 320	IPITUR AW 320	DTE AA 320	CL-OF 320	*****	*****
	EUREKA 320	*****	TURBINA 320	*****	*****	*****	*****	*****
HL 460	*****	*****	*****	IPITUR AW 460	*****	CL-OF 460	*****	*****
	*****	*****	*****	IPITEX 460	*****	*****	*****	*****
HLP 32	EUREKA 32	HYSPIN WA32	NUTO H 32	IPITUR AW 32	DTE 24	HR 43 EP	TELLUS 32	RANDO HD 32
	IDEAL 32	HYSPIN AD32	*****	*****	*****	CL-OF 32	*****	*****
	IDEAL AW 32	HYSPIN HDX	*****	*****	*****	CP-AP 32	*****	*****
	*****	*****	*****	*****	*****	*****	*****	*****
HLP 46	EUREKA 46	HYSPIN AW46	NUTO H 46	IPITUR AW 46	DTE 25	TR - 46	TELLUS 46	RANDO HD 46
	IDEAL 46	HYSPIN AD46	*****	*****	*****	CL-OF 46	*****	*****
	IDEAL AW 46	HYSPIN HDX	*****	*****	*****	CP-AC 46	*****	*****
HLP 68	EUREKA 68	HYSPIN AW 68	ESSTIC 68	PITUR AW 68	DTE 26	TR - 68	TELLUS 68	RANDO HD 68
	IDEAL 68	HYSPIN AD68	NUTO H 68	*****	*****	CL-OF 68	HS 68	*****
	IDEAL AW 68	HYSPIN HDX	*****	*****	*****	CP-AC 68	*****	*****
HLP 100	EUREKA 100	HYSPIN AW100	NUTO H 100	IPITUR AW 100	DTE 27	HR 60 EP	TELLUS 100	RANDO HD 100
	IDEAL 100	HYSPIN AD100	*****	*****	*****	CL-OF 100	HS 100	*****
	IDEAL AW100	*****	*****	*****	*****	CP-AC 100	*****	*****
HLP 150	EUREKA 150	*****	ESSTIC 150	IPITUR AW 150	*****	SH-AD 150	MORLINA 150	*****
	IDEAL 150	*****	*****	*****	*****	CL-OF 150	*****	*****
	IDEAL AW150	*****	*****	*****	*****	CP-AC 150	*****	*****
HLPD 46	*****	HYSPIN HDX	*****	*****	*****	*****	HLPD 46	*****
HLPD 68	*****	HYSPIN HDX	*****	*****	*****	*****	HLPD 68	*****
CLP 68	PENANT EP	ILO SP 68	*****	IPIRANGA SP	DTE 626	INDUSGEAR 68	OMALA 68	*****
	*****	*****	*****	*****	MOBILGEAR SHS	*****	*****	*****
	SINTEX	MAGNA 68	NURAY 100	IPIDET 68	*****	*****	VITREA 68	*****
CLP 100	*****	ILO SP 100	*****	EPONA Z 100	TUREX 100	*****	OMALA 100	MEROPA 100
	*****	*****	*****	IPIRANGA SP	MOBILGEAR SHS	*****	*****	*****
	*****	*****	*****	*****	DTE 627	*****	*****	*****
	TOPAX	MAGNA 100	*****	IPIDET 100	*****	MV FERBRAX	VITREA 100	*****
CLP 150	PENANT EP	ILO SP 150	SPARTAN EP	IPIRANGA SP	TUREX 150	INDUSGEAR 150	OMALA 150	MEROPA 150
	*****	*****	*****	EPONA Z150	MOBILGEAR 629	*****	TIVELA S 150	*****
	*****	*****	*****	*****	DTE 629	*****	*****	*****

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NORMAS	ATLANTIC	CASTROL	ESSO	IPIRANGA	MOBIL	PETROBRAS	SHELL	TEXACO
	TUFLO	MAGNA 150	NURAY 150	IPIDET 150	AMBEX	CL DM		*****
CLP 220	PENANT EP	ILO SP 220	SPARTAN EP	IPIRANGA SP	TUREX 220	INDUSGEAR 220	OMALA 220	MEROPA 220
	*****	*****	*****	EPONA Z 220	MOBILGEAR 630	*****		*****
	*****	*****	*****	*****	DTE 630	*****		*****
CLP 320	PENANT EP	ILO SP 320	SPARTAN EP	IPIRANGA SP	TUREX 320	INDUSGEAR 320	OMALA 320	MEROPA 320
	*****	*****	*****	EPONA Z 320	DTE 632	*****	TIVELA S 320	*****
	*****	*****	*****	*****	MOBILGEAR 632	*****	*****	*****
CLP 460	PENANT EP	ILO SP 460	SPARTAN EP	IPIRANGA SP	TUREX 460	INDUSGEAR 460	OMALA 460	MEROPA 460
	*****	*****	*****	*****	MOBILGEAR SHS	*****	*****	*****
	*****	*****	*****	*****	DTE 634	*****	*****	*****
CLP 680	PENANT EP	ILO SP 680	SPARTAN EP	IPIRANGA SP	TUREX 680	INDUSGEAR 680	OMALA 680	MEROPA 680
	*****	*****	*****	*****	DTE 634	*****	*****	*****
	*****	*****	*****	*****	MOBILGEAR SHS	*****	*****	*****
	MODOC	CRESTA 680	CLYESSO LK	IPICIL 680	SUPER CILINDRDC	CIV GD	VALVATA J 680	*****
CLP 800	*****	*****	*****	*****	TUREX 800	*****	TIVELA S 800	650 COMPOSTO
	*****	*****	*****	*****	MOBILGEAR SHS	INDUSGEAR1000	*****	*****
CLP 1000	*****	ILO SP 1000	*****	*****	*****	*****	*****	*****
	ECLIPSE	CRESTA 1000	CLYESSO LK	IPICIL 1000	SUPER CILINDRDC	CIV GD	VALVATA J 1000	650 COMPOSTO
CLP 1500	*****	*****	*****	*****	*****	*****	*****	*****
CLP 2200	*****	*****	*****	IPIRANGA SP	*****	*****	USINA HD2200	*****
CLP 3200	ELBANO	GRIPPA SMR	MOENDA 2	*****	SM 4 & 6	MO 430 & 600	USINA HD3200	MILTEX 1500
CLP 4000	*****	*****	*****	IPIRANGA SP	*****	*****	*****	*****
CLP 6000	*****	*****	*****	IPIRANGA SP	*****	*****	*****	*****
CGLP 32	GASCON	*****	*****	*****	VACUOLINE-05	*****		GUIATEX 32
CGLP 68	TRUSLIDE	MAGNA AX	FEBIS K 68	IPIWAY 68	VACTRA 2	*****	TONNA T 68	GUIATEX 68
	*****	MAGNA BD	*****	*****	VACUOLINE 9	*****	*****	*****
CGLP 150	TRUSLIDE150	*****	*****	*****	ETNA 3	TX 150	*****	*****
CGLP 220	TRUSLIDE220	MAGNA GC	FEBIS K 220	IPIWAY 220	VACTRA 4	TX 220	TONNA T 220	GUIATEX 220
CGLP 320	GASCON	*****	*****	*****	ETNA 4	TX 320	*****	*****
D 100	DRILL	RD	AROX	IPIDRILL	ALMO 257	FP	TONNA R 100	ROCTEX
J (A-B)	*****	ISOLANTE B	TRANSFOR.B	IPVOLT-P	*****	AV-10	TRANSFOR.P	ISOLANTE B
K	*****	*****	*****	IPIGEL	GARGOYLE	*****	CLAVUS 68	*****
V 20	*****	*****	*****	*****	*****	*****	TALPA 20	*****
V 30	*****	MARINE	*****	*****	DTE 3	*****	TALPA 30	*****
V 40	*****	*****	*****	ISAJOURNAL	DTE 103	*****	TALPA 40	ALCAID
V 46	*****	*****	*****	*****	*****	*****	COMPTELA 46	*****
L F	QUENCHOL	ILOQUENCH 8	*****	*****	MOB.THERM.R	*****	VOLUTA F	QUENCHTEX B
L H	*****	ILOQUENCH 9	FENSO 70	*****	MOB.THERM T	*****	VOLUTA H	*****
Q	*****	PERFECTO HT	ES.THERM 500	IPITHERM	MOB.THERM 594	OT-OF	THERMIA	TEXATHERM
FC I	TRANSCORT	ILOBROACH13	DORTAN 36	*****	*****	*****	GARIA	TRANSULTEX
	*****	ILOCUT 3700	*****	*****	*****	*****	*****	*****
	*****	ILOCUT 534	*****	*****	*****	*****	*****	*****
FC SM	*****	COLEDG BI	KUTWEL 40	IPICORT ST	SOLVAC 1535 G	OP-38 EM	DROMUS BX	SOLUVEL C
	*****	*****	*****	*****	*****	*****	SOLUVEL 1000	*****
FC SS	*****	*****	*****	*****	*****	*****	DMS 310	*****
HYP GL 4	EXCELCIOR	HIPOIDE EP	ESSO QP	IPIGEROL EP	MOBILUB GX	TRM 4	SPIRAX A	UNIVERSAL EP
HYP GL 5	ULTRA PREM.	HIPOIDE B -P	ESSO GX	ELCO 44	MOBILUB HD	TRM 5	SPIRAX A	*****
ATF	HTF C-3	TFC-310	*****	IPITORQUE-C3	FLUID TC-1	*****	DONAX TG	TORQUE C-3
	AT.FLUIDO A	TQ-TIPO A	TORQUE.FL.47	FLUIDO TIPO A	ATF 200-R	OH-50 TA LUBR.	DONAX TM	TEXMATIC ATF

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NORMAS	ATLANTIC	CASTROL	ESSO	IPIRANGA	MOBIL	PETROBRAS	SHELL	TEXACO
	TRACTOR FL.	FL.TRANSM.31	TORQUE FL.56	ISAFUIDO 433	MOBIL FLUID 425	*****	DONAX TD	TDH FLUIDO
HD CC	ULTRAMO HD	TROPICAL	BRINDILA HDX	HD ESPECIAL	DELVAC 1200	MD-300	RIMULA D	URSA ED
HD CD	ULTRAMO ED	TROPICAL S.P	BRINDILA D-3	IPILUB SD	DELVAC 1300	MD 400	RIMULA D	URSA LA-3
	*****	*****	TRO-MAR SR	AURÉLIA	MOBILGARD 324	CCD-330-430	ARGINA T	TARO 25 DP
	*****	*****	*****	*****	*****	*****	DER	*****
HD CE	*****	*****	*****	BRUTUS T-5	DELVAC 1400	MD400 TURBO	RIMULA MULT/X	URSA SUP.LA
HD SF	F-1 SUPER	GTX	*****	*****	MOBIL OIL ESPEC.	*****	HELIX	*****
HD SG	*****	*****	*****	*****	SUPER 20.000 KM	*****	HELIX PLUS	*****
	*****	GP 4 TEMPOS	*****	*****	SUPER MOTO 4T	*****	ADVANCE S	*****
K 0K	*****	BC 07	*****	*****	MOBILPEX 45	GRT 0	EPRO 0	*****
K 00K	*****	BC 07	*****	*****	MOBILGEAR 8	*****	EPRO 00	*****
K 1K	LITHOLINE 1	*****	*****	ISAFLEX 1	MOBILGREASE MP	*****	*****	*****
K 2K	LITHOLINE 2	*****	BEACON 2	ISAFLEX 2	MOBILGREASE MP	GRO 2	ALVANIA R2	MULTIFAK 2
	BENTOLINE	SPHEROL BN	UNIREX 2	IPIFLEX HT	*****	GAT-1	DARINA R2	THERMATEX EP
	OPALINE 2	*****	CAZAR K2	*****	*****	*****	ALVANIA WR	*****
K 3K	LITHOLINE 3	*****	BEACON 3	*****	MOBILGREASE MP	*****	ALVANIA R3	*****
	*****	GRAFITADA	*****	ISAGRAFITE 3	*****	*****	*****	*****
KP 1K	LITHOLINE EP	SPEEROL EPL	*****	*****	MOBILPEX 46	*****	ALVANIA EP 1	GEATEX EP 1
KP 2K	LITHOLINE EP	SPEEROL EPL	BEACON EP 2	ISAFLEX EP 2	MOBILGREASE 77	GMA 2 EP	ALVANIA EP 2	GEATEX EP 2
G S	*****	*****	GEARGREASE	*****	GLYGOYLE GR	*****	TIVELA COUN.	*****
COMP BET	ONIX 1500	GRIPA(33.40)	*****	IPIRTRAMOL 3	MOBILTAC	GBA150	CARDIUM	CRATER
	LUBRICA.88	*****	SURRET FLUID	IPIRTRAMOL A	MOBILTAC C-D	GBA FL	*****	CRATER FLUID.
K 2K	LITOLINE MP	LM 2	MULTI H	*****	MOBILGREASE 2	*****	RETINAX LX	MARFAK MP2
	MOLYTIC	SPHEROL LM	BEACON Q 2	SUPER BSM	MOBILPEX ESP.	GSM-2	RETINAX HDX	MOLITEX 2
	PATENTE 2	IMPERVIA 2	CHASSIS XX	ISA CHASSIS	*****	PM GRALUB 2	CHASSIS 2	*****

ÓLEOS INDUSTRIAIS

ÓLEOS AUTOMOTIVOS

GRAXAS INDUSTRIAIS

GRAXAS AUTOMOTIVAS

