

**Tabella Lubrificanti ordinati secondo l'indice di viscosita'**

Marca Olio	SAE	Indice di Viscosita'	Viscosita' cinematica 100°C	Viscosita' cinematica 40°C	Viscosita' HTHS 150°C	Infiammabilita'
LUCAS	0W-30	193	10,5	55,0		425,0
Mobil 1/ Mb1 LongLife	0W-40	187	14,3	80,0	3,6	236,0
Shell Helix Ultra	0W-40	187	13,5	74,5		222,0
Agip 7006	0W-40	186	13,2	71,7		225,0
LUCAS	10W-30	185	10,5	57,0		230,0
Mobil 1	5W-50	184	17,5	104,9	5,11	230,0
Shell Helix Racing	10W-60	184	22,0	144,0		210,0
SHELL ELIX PLUS	5W-40	180	14,3	82,6		
Shell Helix Ultra	5W-40	178	13,2	75,4		217,0
CASTROL FORMULA RS	0W-40	177	12,9	75,0	3,7	234,0
elf excellium	5W-50	177	18,0	115,0		220,0
ELF Eccellium	0W-40	176	13,0			232,0
CASTROL Formula SLX	0W-30	175	11,3	68,5	3,5	226,0
MOBIL 1	0W-30	175	11,0	63,0	3,0	228,0
Elf Excellium	0W-40	175	13,4	78,0		232,0
Castrol TXT Softec	5W-40	175	14,3	82,0	3,6	215,0
Esso Ultron	5W-40	175	14,2	84,0	3,6	220,0
Mobil Sint S	5W-40	175	14,2	84,0	3,6	220,0
LUCAS	5W-30	171	11,0	63,0		420,0
EXCELLIUM FULL-TECH	0W-30	170	12,2	68,5		226,0
LUCAS	10W-40	170	15,0	97,0		380,0
total racing 9000	5W-40	170	14,0	85,0		226,0
ELF Eccellium LDX	5W-40	170	14,2	86,5		226,0
Repsol Cosmos	0W-40	170	13,5	80,0		215,0
Mobil1ExtendedPerfomance	5W-30	169	11,0	61,0	3,1	230,0
elf evolution xll	5W-40	169	13,8	83,9		218,0
elf evolution sxr	5W-40	169	13,8	83,7		230,0
Castrol GTX Magnatec	5W-40	165	13,7	82,0	3,6	215,0
total quartz racing	10W-50	164	17,0	115,0		240,0
CASTROL FORMULA RS-2	10W-60	163	23,0	154,0	5,7	206,0
Castrol Formula RS	10W-60	163	24,2		5,7	
Agip 7004	5W-40	163	14,1	89,0		
SHELL ELIX PREMIUM	10W-40	160	14,0	102,0		210,0
Shell Helix Plus	10W-40	160	14,1	90,8		210,0
Repsol Evolution SAE	5W-40	160	14,5	88,0		
Agip SINT 2000	5W-40	160	14,1	91,0		225,0
Mobil Super S	10W-40	157	14,4	98,0	4,0	230,0
SHELL ELIX PREMIUM	15W-50	156	19,3	141,0		209,0
Castrol TXT	10W-40	156	14,5	105,0	4,1	230,0
Shell Helix Plus	15W-50	156	19,3	141,0		209,0
Esso Ultra	10W-40	156	14,4	97,0	4,0	215,0
Agip Sint Evolution	5W-40	155	14,1	93,0		220,0
Agip SINT 2000	10W-40	154	14,1	94,0		
Mobil 1	15W-50	153	17,4	125,0	5,11	230,0
total racing 7000	10W-40	152	14,5	97,5		226,0
ELF Eccellium DID	5W-40	152	14,1	95,2		198,0
Selenia Racing	10W-60	150	23,0			230,0
ELF Competition ST semisintetic	10W-40	149	14,8	103,3		224,0
Castrol GTX Magnatec	10W-40	148	15,2	109,0	3,92	>200
Shell Power Plus	15W-40	132	13,9	105,4		220,0
Shell Helix Super	15W-50	125	19,9	184,7		235,0
OPEL	10W-40			88,0		220,0
OPEL	15W-40			98,0		220,0
OPEL	5W-30			69,0		230,0

### **Tabella aggiornata grazie alla collaborazione con l'utente "GIGI" - Forum Omniauto**

**Indice di Viscosita':** Grandezza che esprime la tendenza di un fluido a perdere viscosita' con la temperatura. Maggiore e' il valore, minore e' il calo di viscosita'. Lubrificanti con I.V. superiore a 100 sono comunemente chiamati "ad Alto Indice di Viscosita'".

**Viscosita' Cinematica:** Misura della viscosita' di un fluido in assenza di sollecitazioni meccaniche

**Viscosita' HTHS:** Misura di viscosita' dinamica ad alta temperatura ed elevata rotazione.

Rappresenta il comportamento del lubrificante in un cuscinetto a regime ed a' la base per la classificazione SAE Summer.

**Viscosita':** Misura della resistenza di un fluido allo scorrimento. E' inversamente proporzionale alla temperatura

**Infiammabilita':** valore oltre il quale l'olio inizia a bruciare o quantomeno a carbonizzare.

## Tabella Lubrificanti ordinati secondo la Viscosita' cinematica.

Una viscosita' cinematica bassa con un indice di viscosita' alto puo' dare maggiori prestazioni a parita' di protezione garantendo minori attriti e buona tenuta.

Marca Olio	SAE	Indice di Viscosita'	Viscosita' cinematica 100°C	Viscosita' cinematica 40°C	Viscosita' HTHS 150°C	Infiammabilita'
LUCAS	0W-30	193	10,5	55,0		425,0
LUCAS	10W-30	185	10,5	57,0		230,0
MOBIL 1	0W-30	175	11,0	63,0	3,0	228,0
LUCAS	5W-30	171	11,0	63,0		420,0
Mobil1ExtendedPerfomance	5W-30	169	11,0	61,0	3,1	230,0
CASTROL Formula SLX	0W-30	175	11,3	68,5	3,5	226,0
EXCELLIUM FULL-TECH	0W-30	170	12,2	68,5		226,0
CASTROL FORMULA RS	0W-40	177	12,9	75,0	3,7	234,0
ELF Eccellium	0W-40	176	13,0			232,0
Shell Helix Ultra	5W-40	178	13,2	75,4		217,0
Agip 7006	0W-40	186	13,2	71,7		225,0
Elf Excellium	0W-40	175	13,4	78,0		232,0
Shell Helix Ultra	0W-40	187	13,5	74,5		222,0
Repsol Cosmos	0W-40	170	13,5	80,0		215,0
Castrol GTX Magnatec	5W-40	165	13,7	82,0	3,6	215,0
elf evolution xll	5W-40	169	13,8	83,9		218,0
elf evolution sxr	5W-40	169	13,8	83,7		230,0
Shell Power Plus	15W-40	132	13,9	105,4		220,0
total racing 9000	5W-40	170	14,0	85,0		226,0
SHELL ELIX PREMIUM	10W-40	160	14,0	102,0		210,0
Agip 7004	5W-40	163	14,1	89,0		
Shell Helix Plus	10W-40	160	14,1	90,8		210,0
Agip SINT 2000	5W-40	160	14,1	91,0		225,0
Agip Sint Evolution	5W-40	155	14,1	93,0		220,0
Agip SINT 2000	10W-40	154	14,1	94,0		
ELF Eccellium DID	5W-40	152	14,1	95,2		198,0
Esso Ultron	5W-40	175	14,2	84,0	3,6	220,0
Mobil Sint S	5W-40	175	14,2	84,0	3,6	220,0
ELF Eccellium LDX	5W-40	170	14,2	86,5		226,0
Mobil 1/ Mb1 LongLife	0W-40	187	14,3	80,0	3,6	236,0
SHELL ELIX PLUS	5W-40	180	14,3	82,6		
Castrol TXT Softec	5W-40	175	14,3	82,0	3,6	215,0
Mobil Super S	10W-40	157	14,4	98,0	4,0	230,0
Esso Ultra	10W-40	156	14,4	97,0	4,0	215,0
Repsol Evolution SAE	5W-40	160	14,5	88,0		
Castrol TXT	10W-40	156	14,5	105,0	4,1	230,0
total racing 7000	10W-40	152	14,5	97,5		226,0
ELF Competition ST semisintetic	10W-40	149	14,8	103,3		224,0
LUCAS	10W-40	170	15,0	97,0		380,0
Castrol GTX Magnatec	10W-40	148	15,2	109,0	3,92	>200
total quartz racing	10W-50	164	17,0	115,0		240,0
Mobil 1	15W-50	153	17,4	125,0	5,11	230,0
Mobil 1	5W-50	184	17,5	104,9	5,11	230,0
elf excellium	5W-50	177	18,0	115,0		220,0
SHELL ELIX PREMIUM	15W-50	156	19,3	141,0		209,0
Shell Helix Plus	15W-50	156	19,3	141,0		209,0
Shell Helix Super	15W-50	125	19,9	184,7		235,0
Shell Helix Racing	10W-60	184	22,0	144,0		210,0
CASTROL FORMULA RS-2	10W-60	163	23,0	154,0	5,7	206,0
Selenia Racing	10W-60	150	23,0			230,0
Castrol Formula RS	10W-60	163	24,2		5,7	
OPEL	10W-40			88,0		220,0
OPEL	15W-40			98,0		220,0
OPEL	5W-30			69,0		230,0

**Tabella Lubrificanti ordinati secondo Marca e Indice di viscosita'**

Marca Olio	SAE	Indice di Viscosita'	Viscosita' cinematica 100°C	Viscosita' cinematica 40°C	Viscosita' HTHS 150°C	Infiammabilita'
Agip 7006	0W-40	186	13,2	71,7		225,0
Agip 7004	5W-40	163	14,1	89,0		
Agip SINT 2000	5W-40	160	14,1	91,0		225,0
Agip Sint Evolution	5W-40	155	14,1	93,0		220,0
Agip SINT 2000	10W-40	154	14,1	94,0		
CASTROL FORMULA RS	0W-40	177	12,9	75,0	3,7	234,0
CASTROL Formula SLX	0W-30	175	11,3	68,5	3,5	226,0
Castrol TXT Softec	5W-40	175	14,3	82,0	3,6	215,0
Castrol GTX Magnatec	5W-40	165	13,7	82,0	3,6	215,0
Castrol Formula RS	10W-60	163	24,2		5,7	
CASTROL FORMULA RS-2	10W-60	163	23,0	154,0	5,7	206,0
Castrol TXT	10W-40	156	14,5	105,0	4,1	230,0
Castrol GTX Magnatec	10W-40	148	15,2	109,0	3,92	>200
elf excellium	5W-50	177	18,0	115,0		220,0
ELF Eccellium	0W-40	176	13,0			232,0
Elf Excellium	0W-40	175	13,4	78,0		232,0
Elf EXCELLIUM FULL-TECH	0W-30	170	12,2	68,5		226,0
ELF Eccellium LDX	5W-40	170	14,2	86,5		226,0
elf evolution sxr	5W-40	169	13,8	83,7		230,0
elf evolution xll	5W-40	169	13,8	83,9		218,0
ELF Eccellium DID	5W-40	152	14,1	95,2		198,0
ELF Competition ST semisint	10W-40	149	14,8	103,3		224,0
Esso Ultron	5W-40	175	14,2	84,0	3,6	220,0
Esso Ultra	10W-40	156	14,4	97,0	4,0	215,0
LUCAS	0W-30	193	10,5	55,0		425,0
LUCAS	10W-30	185	10,5	57,0		230,0
LUCAS	5W-30	171	11,0	63,0		420,0
LUCAS	10W-40	170	15,0	97,0		380,0
Mobil 1	5W-50	184	17,5	104,9	5,11	230,0
Mobil 1/ Mb1 LongLife	0W-40	187	14,3	80,0	3,6	236,0
MOBIL 1	0W-30	175	11,0	63,0	3,0	228,0
Mobil Sint S	5W-40	175	14,2	84,0	3,6	220,0
Mobil1ExtendedPerformance	5W-30	169	11,0	61,0	3,1	230,0
Mobil Super S	10W-40	157	14,4	98,0	4,0	230,0
Mobil 1	15W-50	153	17,4	125,0	5,11	230,0
OPEL	10W-40			88,0		220,0
OPEL	15W-40			98,0		220,0
OPEL	5W-30			69,0		230,0
Repsol Cosmos	0W-40	170	13,5	80,0		215,0
Repsol Evolution SAE	5W-40	160	14,5	88,0		
Selenia Racing	10W-60	150	23,0			230,0
Shell Helix Ultra	0W-40	187	13,5	74,5		222,0
Shell Helix Racing	10W-60	184	22,0	144,0		210,0
SHELL ELIX PLUS	5W-40	180	14,3	82,6		
Shell Helix Ultra	5W-40	178	13,2	75,4		217,0
SHELL ELIX PREMIUM	10W-40	160	14,0	102,0		210,0
Shell Helix Plus	10W-40	160	14,1	90,8		210,0
SHELL ELIX PREMIUM	15W-50	156	19,3	141,0		209,0
Shell Helix Plus	15W-50	156	19,3	141,0		209,0
Shell Power Plus	15W-40	132	13,9	105,4		220,0
Shell Helix Super	15W-50	125	19,9	184,7		235,0
total racing 9000	5W-40	170	14,0	85,0		226,0
total quartz racing	10W-50	164	17,0	115,0		240,0
total racing 7000	10W-40	152	14,5	97,5		226,0

**Tabella Lubrificanti ordinati secondo il valore SAE**

Marca Olio	SAE	Indice di Viscosita'	Viscosita' cinematica 100°C	Viscosita' cinematica 40°C	Viscosita' HTHS 150°C	Infiammabilita'
LUCAS	0W-30	193	10,5	55,0		425,0
Mobil 1/ Mb1 LongLife	0W-30	187	14,3	80,0	3,6	236,0
CASTROL Formula SLX	0W-30	175	11,3	68,5	3,5	226,0
MOBIL 1	0W-30	175	11,0	63,0	3,0	228,0
EXCELLIUM FULL-TECH	0W-30	170	12,2	68,5		226,0
Shell Helix Ultra	0W-40	187	13,5	74,5		222,0
Agip 7006	0W-40	186	13,2	71,7		225,0
CASTROL FORMULA RS	0W-40	177	12,9	75,0	3,7	234,0
ELF Eccellium	0W-40	176	13,0			232,0
Elf Excellium	0W-40	175	13,4	78,0		232,0
Repsol Cosmos	0W-40	170	13,5	80,0		215,0
LUCAS	10W-30	185	10,5	57,0		230,0
LUCAS	10W-40	170	15,0	97,0		380,0
SHELL ELIX PREMIUM	10W-40	160	14,0	102,0		210,0
Shell Helix Plus	10W-40	160	14,1	90,8		210,0
Mobil Super S	10W-40	157	14,4	98,0	4,0	230,0
Castrol TXT	10W-40	156	14,5	105,0	4,1	230,0
Esso Ultra	10W-40	156	14,4	97,0	4,0	215,0
Agip SINT 2000	10W-40	154	14,1	94,0		
total racing 7000	10W-40	152	14,5	97,5		226,0
ELF Competition ST semisintetic	10W-40	149	14,8	103,3		224,0
Castrol GTX Magnatec	10W-40	148	15,2	109,0	3,92	>200
OPEL	10W-40			88,0		220,0
total quartz racing	10W-50	164	17,0	115,0		240,0
Shell Helix Racing	10W-60	184	22,0	144,0		210,0
CASTROL FORMULA RS-2	10W-60	163	23,0	154,0	5,7	206,0
Castrol Formula RS	10W-60	163	24,2		5,7	
Selenia Racing	10W-60	150	23,0			230,0
Shell Power Plus	15W-40	132	13,9	105,4		220,0
OPEL	15W-40			98,0		220,0
SHELL ELIX PREMIUM	15W-50	156	19,3	141,0		209,0
Shell Helix Plus	15W-50	156	19,3	141,0		209,0
Mobil 1	15W-50	153	17,4	125,0	5,11	230,0
Shell Helix Super	15W-50	125	19,9	184,7		235,0
LUCAS	5W-30	171	11,0	63,0		420,0
Mobil1ExtendedPerfomance	5W-30	169	11,0	61,0	3,1	230,0
OPEL	5W-30			69,0		230,0
SHELL ELIX PLUS	5W-40	180	14,3	82,6		
Shell Helix Ultra	5W-40	178	13,2	75,4		217,0
Castrol TXT Softec	5W-40	175	14,3	82,0	3,6	215,0
Esso Ultron	5W-40	175	14,2	84,0	3,6	220,0
Mobil Sint S	5W-40	175	14,2	84,0	3,6	220,0
total racing 9000	5W-40	170	14,0	85,0		226,0
ELF Eccellium LDX	5W-40	170	14,2	86,5		226,0
elf evolution xll	5W-40	169	13,8	83,9		218,0
elf evolution sxx	5W-40	169	13,8	83,7		230,0
Castrol GTX Magnatec	5W-40	165	13,7	82,0	3,6	215,0
Agip 7004	5W-40	163	14,1	89,0		
Repsol Evolution SAE	5W-40	160	14,5	88,0		
Agip SINT 2000	5W-40	160	14,1	91,0		225,0
Agip Sint Evolution	5W-40	155	14,1	93,0		220,0
ELF Eccellium DID	5W-40	152	14,1	95,2		198,0
Mobil 1	5W-50	184	17,5	104,9	5,11	230,0
elf excellium	5W-50	177	18,0	115,0		220,0