

INDUSTRIAL OILS

S-800

OCL-G
502

OCL-G
503

650 HT

CLEAR
CUTTING
OIL

DARK
CUTTING
OIL

SOLUBLE
CUTTING
OIL

PRODUCT CODE	S-81000=ISO 32 S-81500=ISO 46 S-82000=ISO 68 S-83000=ISO 100	25500	25400	30000	30600	30700	30800
COLOR	AMBER	AMBER	AMBER	MOLY GRAY	COLORLESS	DARK	AMBER
BASE OIL	SYNTHETIC	SYNTHETIC	SYNTHETIC	SYNTHETIC	MINERAL OIL	MINERAL OIL	MINERAL OIL
OIL VISCOSITY, CST AT 40°C	32,46,68,100	220	320	87	45	63	NA
SERVICE TEMPERATURE RANGE							
LOW TEMPERATURE LIMIT (POUR POINT °F) TO HIGH TEMPERATURE LIMIT (FLASH POINT °F)	ISO 32= -60 to 530 ISO 46= -45 to 535 ISO 68= -35 to 540 ISO 100= -30 to 560	-40 to 583	-5 to 594	-35 to 500	5 to 360	10 to 360	NA
COST	\$\$\$\$	\$\$\$\$	\$\$\$\$	\$\$\$\$	\$\$	\$\$	\$\$
HEAVY LOADS	VG	E	E	E	NA	NA	NA
HIGH TEMPERATURE	E	E	E	E			
AIR TOOL	-	-	-	-	-	-	-
LOW SPEED BEARINGS & GEAR BOXES	VG	VG	VG	-	-	-	-
HIGH SPEED BEARINGS	E	-	-	VG	-	-	-
HYDRAULIC EQUIP.	E	-	-	-	-	-	-
AIR COMPRESSORS	E	-	-	-	-	-	-
OVEN CHAINS	VG	E	E	E	-	-	-
ADDITIONAL PROPERTIES	LL	T, LL	T, LL	LL, Moly	M	M	M
CONTAINERS AVAILABLE	5 gal. pail 15 gal. keg 55 gal. drum	5 gal. pail 15 gal. keg 55 gal. drum	5 gal. pail 15 gal. keg 55 gal. drum	1 gal. jug(cs/4) 5 gal. pail 15 gal. keg 55 gal. drum	1 gal. jug(cs/4) 5 gal. pail 15 gal. keg 55 gal. drum	1 gal. jug(cs/4) 5 gal. pail 15 gal. keg 55 gal. drum	1 gal. jug(cs/4) 5 gal. pail 15 gal. keg 55 gal. drum

The information in this chart is meant to be informative. The potential consumer should test the oils before use.

INDUSTRIAL OILS

HLO

ENCLOSED
GEAR
OILS

ENCLOSED
MOLY
GEAR
OILS

SGL-800

LPC GEAR
OILS

N-500

PRODUCT CODE	30100=10 wt 30200=20 wt 30300=30 wt 30400=40 wt 30500=50 wt 32500=5w-20 31600=10w-40	30900=90 wt 31000=140 wt 31100=85-140wt	31700=90 wt 31800=140 wt 31900=85-140wt	81700=ISO 68 81200=ISO 100 81300=ISO 150 81400=ISO 220 81500=ISO 320 81600=ISO 460	37600	32200=10 wt 32300=20 wt 32400=30 wt
COLOR	AMBER	BROWN	MOLY GRAY	AMBER	AMBER	AMBER
BASE OIL	MINERAL OIL	MINERAL OIL	MINERAL OIL	SYNTHETIC	SYNTHETIC	MINERAL OIL
OIL VISCOSITY, CST at 40°C	32,68,100,150,220, 46,100	220,460,430	220,460,460	68,100,150,220,320, 460	220,320,460	32,68,100
SERVICE TEMPERATURE RANGE	10 wt= -27 to 428 20 wt= -22 to 455 30 wt= -11 to 460	90 wt= -3 to 550 140 wt= 0 to 518 85-140 wt= -10 to 460	90 wt= -3 to 550 140 wt= 0 to 518 85-140 wt= -10 to 460	ISO 68= -63 to 500 ISO 100= -53 to 510 ISO 150= -46 to 514 ISO 220= -42 to 515 ISO 320= -37 to 520 ISO 460= -29 to 530	ISO 220=-45 to 540 ISO 320=-37 to 550 ISO 460=-25 to 558	10 wt= -33 to 432 20 wt= -25 to 475 30 wt= -21 to 502
LOW TEMPERATURE LIMIT (POUR POINT°F) TO HIGH TEMPERATURE LIMIT (FLASH POINT °F)	40 wt= -7 to 465 50 wt= -3 to 465 5w-20= -50 to 422 10w-40= -44 to 446					
COST	\$	\$\$	\$\$	\$\$\$	\$\$\$\$	\$
HEAVY LOADS	VG	E	E	VG	E	VG
HIGH TEMPERATURE	G	VG	VG	VG	E	G
AIR TOOL	G	-	-	-	-	G
LOW SPEED BEARINGS & GEAR BOXES	G	E	E	VG	E	-
HIGH SPEED BEARINGS	G	-	-	VG	-	VG
HYDRAULIC EQUIP.	G	-	-	G	-	VG
AIR COMPRESSORS	G	-	-	F	-	VG
OVEN CHAINS	-	F	F	VG	VG	-
ADDITIONAL PROPERTIES		T, WG	T, Moly	M,V,LL, NS BIO (68-100)	MP,SEM,WG,T, LL, PTFE	
CONTAINERS AVAILABLE	1 gal. jug(cs/4) 5 gal. pail 15 gal. keg 55 gal. drum	1 gal. jug(cs/4) 5 gal. pail 15 gal. keg 55 gal. drum	5 gal. pail 15 gal. keg 55 gal. drum	1 gal. jug(cs/4) 5 gal. pail 15 gal. keg 55 gal. drum	5 gal. pail 15 gal. keg 55 gal. drum	1 gal. jug(cs/4) 5 gal. pail 15 gal. keg 55 gal. drum

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COST	\$\$\$\$	\$\$\$\$	\$\$\$\$	\$\$\$\$	\$\$	\$\$	\$\$
HEAVY LOADS	VG	E	E	E	NA	NA	NA
HIGH TEMPERATURE	E	E	E	E			
AIR TOOL	-	-	-	-	-	-	-
LOW SPEED BEARINGS & GEAR BOXES	VG	VG	VG	-	-	-	-
HIGH SPEED BEARINGS	E	-	-	VG	-	-	-
HYDRAULIC EQUIP.	E	-	-	-	-	-	-
AIR COMPRESSORS	E	-	-	-	-	-	-
OVEN CHAINS	VG	E	E	E	-	-	-
ADDITIONAL PROPERTIES	LL	T, LL	T, LL	LL, Moly	M	M	M
CONTAINERS AVAILABLE	5 gal. pail 15 gal. keg 55 gal. drum	5 gal. pail 15 gal. keg 55 gal. drum	5 gal. pail 15 gal. keg 55 gal. drum	5 gal. pail 15 gal. keg 55 gal. drum	1 gal. jug(cs/4) 5 gal. pail 15 gal. keg 55 gal. drum	1 gal. jug(cs/4) 5 gal. pail 15 gal. keg 55 gal. drum	1 gal. jug(cs/4) 5 gal. pail 15 gal. keg 55 gal. drum

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