

# Chapter 20

## Lubrication System Operation And Diagnosis

Find the words in the grid. Words can go across, down and in the two forward diagonals.

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H P U M P C A P A C I T Y E X N Y S N N W K M Z S
R M Q H Y O W M W R T M R R T R T K O L N V K K D
Q N R V Q B I M M R W U T R X N R I N Q C N A M Q
Z W Q G H W W L P Q T K O P E Y T M G K K E Z L R
C N Q C R D N Q P A Z T K M Y A L X B T L K P Y L
N R Q V Q X V H R R O K E Z C Z V K G J R M M D T
V Q T M J B V E F R E R M I T Q V C K P U K N Y V
H K L L N L P D E L U S R W F Q G C K S N Z X V I
L K D T L M N G Q S L B S K T B L N T R F L M V S
H Q F L E R M B A P U R L U T Z M E N L B G Y F U
J M G T N R P E Q L S C W N R W W M B L V A B R A
T N L W L X M M Y X S I T I K E H H R D L L M O L
T I W O V K H R L M U M P Y N F R Y M H T L C T I
O N L I P I A P F T M T D R W D K M K K N E W O N
T F R L B D S X N R P X R R H T A V N F F R M R S
T N V P N Y L C D K N P M L Y Y Y G J M J Y B T P
T W T U G K R G O J V J Q Z N S D K E Y V X B Y E
Z J O M Z Q T X C S B Q L B K G U T N T Q L B P C
N B L P N J H R V K I H D N V V B M K L R F M E T
L T B F P L G G P Z K T K F K T J L P L C A P Y I
K W C H H Y M N M Z N R Y N Y M P D X X B V Y K O
N H Y D R O D Y N A M I C L U B R I C A T I O N N
P O S I T I V E D I S P L A C E M E N T P U M P S
W P R E S S U R E R E G U L A T I N G V A L V E N
R C Q C C A V I T A T E F Z M R B K M N D K P H Q
  
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Boundary lubrication	Measurements	Pump capacity
Cavitate	Oil pressure	Rotor type
Dry sump	Oil pump	Sump
Gallery	Oil temperature	Viscosity
Gerotor	Positive displacement pumps	Visual inspection
Hydrodynamic lubrication	Pressure regulating valve	Wet sump
Leaks	PSI	Windage tray