



PRODUCT INFORMATION

Hydraulic Oils

Gulf Harmony HLPD

Product Description:

Gulf Harmony HLPD is a superior quality so called “detergent” hydraulic oil blended from high quality base stocks with an ashless antiwear hydraulic oil package having water tolerance and detergency properties to meet the requirements of the HLPD classification for hydraulic oils formulated primarily as heavy duty, anti-wear hydraulic oil. **Gulf Harmony HLPD** is suitable for use in most modern hydraulic control systems incorporating a wide variety of pump designs (vane type pumps, axial piston, gear and other types of hydraulic pumps and motors) at oil pressures in the range of 70 tot 350 bar. The exceptional quality as detergent hydraulic oil makes **Gulf Harmony HLPD** specially suitable for use in a wide variety of applications where drain of water condensation is difficult.

Features/Benefits:

Gulf Harmony HLPD continues to work in the presence of water (up to 2%) and is suitable for almost all types of pumps, has very high oxidation stability, excellent anti-foaming properties and provides longer life time of oil and hydraulic installation.

Applications:

Gulf Harmony HLPD is suited for all hydraulic systems into which water, dust and abrasive particles can enter. Check with the pump manufacturer if this type of oil is recommended.

Gulf Harmony HLPD	
MEETS THE FOLLOWING SPECIFICATIONS:	
DIN 51524/2 HLPD	
DaimlerChrysler DBL 6721	

Gulf Harmony HLPD ISO VG	46	68
Product Code	3537	3538
Density @ 15°C, kg/m ³	878	885
Viscosity @ 40°C, mm ² /s	46	68
Viscosity Index	100	100
Flash Point, °C	185	195
Pour Point, °C	-15	-12