



# HP Lubricants - Product Data Sheet



## HP RAIL ROAD OIL 613

- HP RAIL ROAD OIL 613 IS A GENERATION -4 CRANKCASE OIL DEVELOPED TO MEET THE REQUIREMENTS OF ALCO /DLW LOCOMOTIVES
- MEETS API CD ,US MILITARY MIL-L-2104C, LMOA GENERATION-IV & E-DL 2 OF IS 13656 SPECIFICATIONS.
- RECOMMENDED FOR USE IN ALCO/ DLW LOCOMOTIVES OPERATING IN INDIAN RAILWAYS . IT IS HOWEVER NOT RECOMMENDED FOR USE IN LOCOMOTIVES FITTED WITH SILVER LINED COMPONENTS.
  - PROTECTION AGAINST DEPOSITS AND ENGINE WEAR.
  - ENGINE CLEANLINESS
  - EXCELLENT CONTROL ON CORROSIVE WEAR .

<b>KINEMATIC VISCOSITY cst @ 100C</b>	<b>15.8-16.2</b>
<b>VISCOSITY INDEX,MIN</b>	<b>90</b>
<b>FLASH POINT, (COC) C,MIN</b>	<b>225</b>
<b>POUR POINT, C , MAX</b>	<b>-6</b>
<b>SULPHATED ASH% WT , MAX</b>	<b>1.9</b>
<b>TBN ,mgKOH/g,MIN</b>	<b>9</b>

APPROVED BY :

RDSO FOR USE IN ALCO / DLW LOCOMOTIVES OPERATING IN INDIAN RAILWAYS

PRESS TO  
RETURN



FOR FURTHER INFORMATION PLEASE CONTACT OUR NEAREST REGIONAL OFFICE