



P R O D U C T D A T A

Haiba D Super/Supreme/Super Plus

SAE 30, 40, 50, 10W, 15W/40

Market Applications:

Haiba D series (Haiba D Super, Haiba D Supreme and Haiba D Super Plus) offer the possibility of extended drain intervals in all types of vehicles, ranging from light vans to the heaviest long distance turbo charged diesel truck and buses. Because of its wide range of applications, the Haiba D range is ideally suited to operators of civil engineering plant whose fleet employs petrol and diesel engine power units of widely differing types. Also suitable for high powered diesel generating plants.

Performance Levels:

US Military MIL – L 2104C and 2104D and above
 US Military MIL –L 46512C and above
 API Service Classification from **CC,SD to CI-4, SM and Above**
 ACEA B2-96/E2-96 and above
 CATERPILLAR SERIES 3 and above
 CATERPILLAR SERIES TO2 and above

Product Description:

Oil in the Haiba D range of multifunctional engine lubricants are blended from high quality mineral oils and feature on advanced additive package. Haiba D range greatly exceeds the generally accepted performance levels of lubricant produced to meet the requirements of the above specifications.

Typical Data:

PHYSICAL CHARACTERISTICS:				
SAE Rating	10W	30	40	15W/40
Relative Density @ 20Deg C	0.890	0.890	0.890	0.885
Viscosity @ 100 deg Cst(min)	5.2	11.5	-	14.5
Viscosity Index(min)	95	95	95	120
Pour point, deg C	-12	-12	-12	-24
Flash point, deg C (min)	200	200	210	220
@23 deg C		10	10	0
@ 93.3 deg C		40	40	0
@23.9 deg C after 93.3 deg c		10	10	0
CHEMICAL CHARACTERISTICS				
		MONO- GRADES		MULTI- GRADE
Total Base No (min)	8	8	8	10
Detergent Metal	Ca	Ca	Ca	Ca & Mg

Performance Characteristics:

Because of the constant need to keep maintenance and operating costs to a minimum, special consideration has been given to the possibility of safely extending sump drain intervals. Haiba D range (Haiba D 30, 40, 50, 10W, Haiba D Supreme and Haiba D Super Plus) have reserved performance capacity to cope with modern heavy duty equipment requirements.

Benefits:

The Haiba D range contains an advanced additive package which include the following:

- **Detergent/Dispersant additives**
- **Anti-Oxidant additive**
- **Anti-wear additive**
- **Corrosion inhibitor**
- **Anti-Foam additives**

HANDLING, HEALTH AND SAFETY

Lubricants consisting of highly refined mineral oils with specific additives. In normal conditions of use, these lubricants present no particular toxic hazard.

All lubricants, of any kind, should always be handled with great care, particularly avoiding any contact with the skin. Prevent any risk of splashing, and keep away from combustible materials. Store under cover and away from any risk of contamination.

Pack size: 1, 4, 5, 25 and 205 litres, Bulk

