



**Shell**berge  
Global Resources Ltd.

# XHD Berger Range

## P R O D U C T D A T A

### Berger XHD

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

#### Market Applications:

Berger XHD grades offer the possibility of extended drain intervals in all types of vehicles, ranging from petrol and diesel engined light vans to the heaviest long distance turbo charged diesel truck and buses. Because of its wide range of applications, the Deusol super 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.

#### Product Description:

Oil in the Shellberge Berger XHD range of multifunctional engine lubricants are blended from high quality minerals oils and feature on advanced additive package. Berger XHD grades greatly exceed 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
CCC viscosity,CPmax -15C	-	-	-	3500
BPT C max(MRV)	-	-	-	-20
Viscosity index( min)	90	90	90	130
pour point, deg C	-12	-12	-12	-24
flash point, deg C (min)	200	200	210	220
FOAM TEST (m/s) TYPICAL VALUE	TENDENCY		STABILITY	
@23 deg C	10		0	
@ 93.3 deg C	40		0	
@23.9 deg C after 93.3 deg c	10		0	
CHEMICAL CHARACTERISTICS	MONO- GRADES		MULTI- GRADE	
Sulphated ash (%wt), max	1.20		1.20	
Total Base No (min)	10		12	
Zinc % wt,min	0.1		0.15	
Detergent Metal	calcium		calcium and magnesium	

may be extended on such factors as the top-up rate and type of work for which the vehicle is used and the conditions (e.g. sandy or dusty environments) under which it has to operate. A carefully monitored programme covering a selection of vehicles must be set up to establish the maximum interval between oil changes. Other features of the Berger XHD range include excellent low and high temperature performance, low oil consumption characteristics and good control of both wear and corrosion. The Shellberge Berger XHD range also includes multigrade oil with the viscosity range 15W/40 provide improved cold starting and more rapid oil circulation during warm-up.

#### Benefits:

The Shellberge Deusol Super Extra range contains an advanced additive package which include the following:

- Detergent/Dispersant additives
- Anti-Oxidant additiveAnti-wear additiveCorrosion inhibitor
- Anti-Foam additives:r.

Pack size:.,200 litres, Bulk